

From The STAFF

W.T.F.D.A. Headquarters, P.O. Box 514, Buffalo, NY 14205

DON'T MISS IT!...The subject of DXing will be the main focus of a nationwide phone-in radio talk show in the U.S. in the early morning hours of Saturday, December 15th, and there'll be a few W.T.F.D.A.ers on the show! It's being produced by member Greg Hardison, and it should be of great interest to all DX enthusiasts, since the wide world of DXing in general will be discussed. There's much more to DXing than just the VHF and UHF bands--but in case you haven't already discovered this for yourself, here's your chance. The show will be broadcast on the ABC Talkradio network; complete details appear on page 19.

W.T.F.D.A. MEMBERS TAKING THE BYTE...It looks like John Combs really started something with his "DX Distance" computer program article in the July VUD issue. Ever since the followup article by Larry Fuss appeared, we've been receiving many interesting responses. Related to all this is this comment from Larry Fuss: "I had quite a few requests for the Distance and Bearing program that I offered for TRS-80 computers, so I thought I might also make available the same program for the TI-99/4A and also for computers using 'pocket basic' language (Radio Shack pocket computers). If anyone wants a copy, specify which, and send a self-addressed envelope to me." Larry's address: Contemporary Communications, P.O. Box 3976, Jackson GA 30233.

IDEAS, ANYONE?...Speaking of home computers, many members are now using them to keep their running DX logs, files of QSL collections, and so forth. If you have a particularly interesting use for the computer in VHF/UHF DXing, drop us a line--it might make an interesting VUD feature article.

GET YOUR COPY TODAY...The W.T.F.D.A. TRANSLATOR/LOW POWER TV LIST is selling quite well, but this can be a problem if you wait too long to order your copy; once we run out of them, it could be a year (or longer) until more can be published. The solution? Place your order today! The LIST is an 84-page booklet jam-packed with data on thousands of VHF and UHF TV translators and low-power TV broadcast outlets currently operating in the continental U.S., and costs \$6.95. All copies are sent via first class mail. Order from W.T.F.D.A. H.Q.

CONVENTION '85...It may be hard to believe that 1985 is just around the corner--1984 is still producing some interesting DX openings in widely scattered areas. As winter approaches, we like to think ahead to next summer's W.T.F.D.A. convention...more news about the big event will be in the January VUD.

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This month's cover by Dave Nieman.



MAILBOX

Alan Hyatt
P.O. Box 130
City Island Sta.
Bronx, NY 10464

December 1984

Rich Wertman, of Lockport, New York, sends in his "DX autobiography":

"Well, my DX life all started back thirteen years ago when I was ten. I still remember my folks having a crossfire (medium sized) on the chimney, and I was stunned being able to watch Barrie and Kitchner, Ontario.

As time progressed, I got involved in all types of communications. I went for my amateur license - and didn't make it, however. I'm also into PSB monitoring. I use a Bearcat 300 for that. I used to think Bearcat was tops in crystalless scanners until I got this one. Don't get me wrong- this scanner works like a charm- when it works. It's been back to Electra twice for repairs, but not in the last six months (I'm keeping my fingers crossed).

I've always been a TV DXer, but I haven't always had the green for the elaborate stuff. I started out with a four bay bowtie on the roof (with no rotor) seven years ago. When tropes started rolling in, I'd run out onto the roof (in the middle of the night) and give it the "Armstrong" method of turning antennas.

Around then I met another local DXer. We met over a CB radio which we both threw into a trash can a few years later. He showed me all the neat tricks on antennas and more. As time moved on, Paul Crego and I have probably become the craziest TV DXers in Lockport (probably the only ones as well-ED.). We're both going against the city's ordinance of limiting tower structures to thirty feet- but what do they know anyhow! We have both progressed heavily into UHF because the VHF channels around here are packed with locals: 2, 4, and 7 in Buffalo, NY; 5, 6, 9, 11, 12 and 13 within fifty miles (in Canada); and 8, 10 and 13 in Rochester, NY. We only have about six real locals on UHF. Only one gives me any real problems with overload: WUTV, Channel 29. Their transmitter is in Grand Island, NY, and I can see their tower from the roof of my house.

There is a question me and Paul would like to know the answer to. We both have small, stacked VHF antennas in our back yards about eleven feet high. If we tilt these at a 35° angle, would it help or hurt our chances on E skip? Dave Nieman gave us the idea of stacked antennas on the ground. He lives about fifteen miles from Channel 2's tower in Buffalo and he's caught E skip over the top of them. He believes that leaving the antennas low will cut the locals down and bring the chances for E's up. I've found this to be true because we both have monster VHF antennas at sixty feet that don't do anything for E skip. But with the little ones on the ground we can see glimpses of E skip. Supposedly E-layers are sixty to seventy five feet up, so we wonder if this 35° tilt might point us into the layer better.

For UHF, I am now using a Channel Master seven foot dish I picked up used for twenty dollars. I cleaned it up and replaced all the rivets with bolts. Also, I had an old Radio Shack outdoor amplifier laying around and it doesn't work too bad. It's a VHF-UHF model- I'm using it for UHF. The amp is rated at 25dB VHF and 20dB UHF- or so it says. I don't believe this is true, but it doesn't overload on the locals and the noise isn't too awful. I would recommend this as a starter amp but you must use 75 ohm cable or hardline. The hardline I use is top-of-the-line 75Ω transmission line. It puts R9-6 and 11 to shame. It also costs about a dollar twenty five a foot. However, if you check your local cable company (TV, that is), you might find that they waste tons of this stuff. I have a friend at the local cable company here who told me they buy it in five thousand foot spools. They use all but about two hundred fifty feet of it and then they throw it out. At a cost of \$0.00 a foot, it's worth checking into. This stuff doesn't exhibit loss on UHF. In fact you gain 3 to 4 dB compared to regular cable. The way I figure it, if cable companies use it for their main feeding line it must be good. The only problem with hardline is that you have to be careful when bending it.

continued

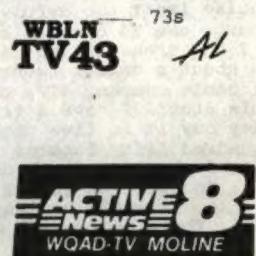
As far as FM goes, I don't have any more room on my roof for an FM antenna, but next spring I'm planning to put one on the tower. I do most of my FM DXing from my pick-up truck. I use a KP-500 Supertuner with an FM antenna mounted eight feet up on my roll bar. I've had good results with it. I was on vacation last summer in the Allegheny Mountains and I caught some great E's from Texas, Louisiana, etc. I'm sure being on a mountain helped, though.

* * * * *

Ralph Strobel's comments in the September VUD have certainly provoked some thought. Last month in Mailbox, Robert Goodman of the Bronx gave his opinions as to Strobel's views on logging procedures. This month, Thomas J. Yingling, Jr. of Baltimore "puts in his 2c" on the matter. You may want to consult Strobel's column to follow along with this point by point commentary.

- " 1. Yes, hearing new call letters should be counted as hearing a new station. How would I know if they were taken over by a new company, sold or whatever? (I have always counted a call change a new station.)
2. Yes, hearing only the call letters should be enough for proof. For example, during skip, when stations are battling for the same frequency, what if one comes in momentarily, and then the other takes over for good. On hearing a small part of a news item for such and such a city, and there is only one city of that name on that frequency as per FM Atlas, then I would count such a station as being heard.
3. Guessing the format may be of use. It would depend, but still a big maybe.
4. Yes. If a station was heard or seen (TV) and you call the station, and talk to somebody in programming or whatever and what you logged as far as commercials, jingles, phone numbers, etc. (something that the station would have had to log) matches with their records, then yes. This is very good for TV DX, where you may never get to see the ID due to fadeout or whatever, yet you may get plenty of items for report.
5. This should only be the house where you live. Lots of places near where you live might have that extra something needed to be able to log a particular station. You should keep logs for each location. Some members of our club go on drives to high spots close to home for the added DX advantage, when they know they could never receive these stations at home. I know that places a few miles from me can be better for AM DXing, Police Radio DXing and TV DXing. When the DX is received from elsewhere, it is not an accurate representation of what is possible from where you live."

It seems that this topic is a somewhat controversial one. And why not? Rules for logging stations go right into the heart of the hobby. Something to think about while you flick the switches and watch the meters. Till next time, hope the flicking and watching pay off!



VHF UTILITY DX

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1657 Essextowne Circle
Baltimore, MD 21221
phone: 301-391-3408

VHF UTILITY DX.....This month features Massachusetts, Rhode Island and Connecticut Utilities. As I have noted previously, the data here only represents actual frequencies licensed and not necessarily frequencies in use. In order to get a complete picture of a communications networks of various utilities as outlined, it is necessary to program all the listed frequencies and eliminate those not in use.

These records reflect actual FCC Microfiche files as researched by the author and I can but draw little conclusion from the information contained herein. My conclusions are only due to my own local experience in the Baltimore-Washington Metropolitan Areas.

As a general rule, wherever a large group of frequencies are allocated, the higher frequencies are the most utilized, as this normally indicates a gradual trend towards the phasing out of lower skip prone frequencies. Keep in mind that this is a conclusion drawn from my personal observation of operations of the Potomac Electric Power Company. The Potomac Electric Power Company supplies Electric Power for the District of Columbia and a portion of Maryland just to the north of the District.

The Baltimore Gas and Electric Company, on the other hand, uses blocks of frequencies from all three bands. Their service area is a great deal larger encompassing all of Baltimore County, Baltimore City, Carroll County to the West and about 80% of Harford County to the East.

In so much as the Baltimore Gas and Electric Company is concerned, lower frequencies are generally utilized by construction crews, overhead electric wire crews and routine substation maintenance.

Trouble crews, those personnel who are first to respond in the event of storm damage, gas leaks and major appliance repair, operate of VHF High Band frequencies. UHF High is used by commercial service for the termination or activation of service in connection with bill payment.

RHODE ISLAND

BLACKSTONE VALLEY ELECTRIC CO	037.60
BRISTOL AND WARREN GAS CO	153.665
BRISTOL COUNTY WATER COMPANY	451.05
EUA SERVICE CORP	451.225
NEW ENGLAND POWER SERVICE CO	048.54
NEW ENGLAND POWER SERVICE CO	048.58
NEW ENGLAND POWER SERVICE CO	048.48
NEW ENGLAND POWER SERVICE CO	048.06
NEW ENGLAND POWER SERVICE CO	047.96
NEW ENGLAND POWER SERVICE CO	047.50
NEWPORT ELECTRIC COMPANY	047.90
PROVIDENCE (CITY OF)	153.71
PROVIDENCE GAS COMPANY	153.725
PROVIDENCE GAS COMPANY	153.545
PROVIDENCE GAS COMPANY	153.455
PROVIDENCE GAS COMPANY	153.41
SOUTH COUNTY GAS COMPANY	153.665
WAKEFIELD WATER COMPANY	047.92



BOZRAH LIGHT + POWER
 048.54

 BRIDGEPORT HYDRAULIC CO
 048.18

 BRISTOL (CITY OF)
 047.84

 CONN YANKEE ATOMIC POWER CO
 037.60

 CONNECTICUT AMERICAN WATER
 153.56

 CONNECTICUT AMERICAN WATER CO
 048.10
 CONNECTICUT LIGHT & POWER
 451.20 48.52 48.16 37.80
 37.78 37.74 37.60 37.48
 37.76
 CONNECTICUT NATURAL GAS
 158.265 158.175 158.145
 153.665 153.485 153.47
 153.425 153.40 47.76 48.38
 37.56
 CONNECTICUT WATER COMPAN.
 047.70

 CONNECTICUT YANKEE ATOMIC
 451.15

 CONNECTICUT YANKEE ATOMIC
 451.10

 CRYSTAL WATER COMPANY
 048.00

 FARMINGTON RIVER POWER CO
 047.80

 GROTON (CITY OF)
 046.50
 HARTFORD ELECTRIC LIGHT
 451.25 48.40 48.34 48.20
 48.16 47.90 37.80 37.78
 37.60 37.48 48.52

 HOLYOKE WATER POWER COMPANY
 037.60

 JEVETT CITY ELECTRIC LIGHT
 153.62

 METROPOLITAN DISTRICT
 153.50

 METROPOLITAN DISTRICT
 048.10

 NEW CANAAN WATER COMPANY
 047.48

 NEW HAVEN WATER COMPANY
 037.54

 NORTHEAST NUCLEAR ENERGY
 451.25 451.075 451.05
 451.025 153.695 37.60

 NORTHEAST UTILITIES SERV CORP
 037.60

 NORTHEAST UTILITIES SERVICE
 451.05

 NORWALK (CITY OF)
 153.635

 NORWICH (CITY OF)
 153.59

 ROCKVILLE WATER + AQUEDUCT CO
 047.70

 SOUTH NORWALK ELECTRIC WORKS
 048.08

 SOUTHERN CONNECTICUT GAS
 158.19

 SOUTHERN CONNECTICUT GAS CO
 153.53

 SOUTHWICH (TOWN OF)
 037.86

 THOMASTON WATER COMPANY
 047.70

 TORRINGTON WATER COMPANY
 153.71

 UNIONVILLE WATER COMPANY
 153.44
 UNITED ILLUMINATING CO
 451.20 451.15 451.075
 48.36 48.26 48.46

 WALLINGFORD (TOWN OF)
 047.92
 COMMONWEALTH GAS COMPANY
 037.46
 NORTHEAST UTILITIES SERV CO
 037.48
 WAKEFIELD (TOWN OF)
 037.50
 AUBURN WATER DISTRICT
 153.455
 BARNSTABLE (TOWN OF)
 047.74
 BELMONT (TOWN OF)
 153.62
 BERKSHIRE GAS CO
 047.70
 BAY STATE GAS COMPANY
 47.74 158.22 48.24 47.82
 47.78
 BOSTON EDISON
 158.16 153.50 153.425
 37.78 37.60

 BOSTON GAS COMPANY
 158.19 158.13 153.53
 153.44 37.62
 BOURNE WATER DISTRICT
 047.74
 BOYLSTON (TOWN OF)
 048.38
 BREWSTER (TOWN OF)
 047.74
 BROCKTON EDISON
 153.695
 BROCKTON EDISON
 037.60
 CAMBRIDGE ELECTRIC LIGHT
 158.25
 CAMBRIDGE ELECTRIC LIGHT
 037.66
 CANAL ELECTRIC COMPANY
 158.175
 CANAL ELECTRIC COMPANY
 037.60
 CAPE COD GAS CO
 048.36
 CHATHAM WATER COMPANY
 047.74
 CHICOPEE (CITY OF)
 037.66
 CHICOPEE ELECTRIC LIGHT DEPT
 037.66
 COMMONWEALTH ELECTRIC

COMMONWEALTH GAS COMPANY
 451.25 451.10 48.02
 37.72 37.70 37.46
 DANVERS (TOWN OF)
 047.80
 DEDHAM WATER COMPANY
 451.20
 DENNIS WATER DISTRICT
 047.74
 ESSEX (COUNTY OF)
 451.075
 EUA SERVICE COMPANY
 451.175
 EUA SERVICE COMPANY
 451.075
 FALL RIVER (CITY OF)
 047.84
 FALL RIVER ELECTRIC LIGHT CO
 037.60
 FALMOUTH (TOWN OF)
 047.74
 FITCHBURG GAS + ELECTRIC
 037.58
 GEORGETOWN (CITY OF)
 037.64
 GROVELAND (TOWN OF)
 153.62
 HARWICH (TOWN OF)
 047.74
 HAVERHILL GAS COMPANY
 048.18
 HINGHAM (TOWN OF)
 048.34
 HINGHAM WATER COMPANY
 451.05
 HOLYOKE (CITY OF)
 451.075
 HOLYOKE (CITY OF)
 158.295
 HOLYOKE (CITY OF)
 153.65
 HOLYOKE (CITY OF)
 047.72
 HOLYOKE WATER COMPANY
 037.78
 HOLYOKE WATER POWER COMPANY
 037.60
 LOWELL GAS COMPANY
 153.71
 MANCHESTER ELECTRIC COMPANY
 153.47
 MANSFIELD MUNICIPAL ELECTRIC
 158.235
 MARBLEHEAD (TOWN OF)
 153.665
 MARBLEHEAD MUNICIPAL LIGHT
 153.665
 MASS MUNICIPAL WHOLESALE ELEC
 153.575
 MASS MUNICIPAL WHOLESALE ELEC
 037.60
 MIDDLE (TOWN OF)
 158.175
 MIDDLEBORO (TOWN OF)
 047.94
 MONTAUP ELECTRIC COMPANY
 037.50
 CHICOPEE ELECTRIC LIGHT

NEW BEDFORD GAS/EDISON LIGHT
 451.25 451.125 451.025 37.76
 NEW ENGLAND POWER SERVICE CO
 48.34 451.15 48.50 48.48 48.44
 48.42 48.30 48.28 48.22 48.12
 48.06 47.96 48.54 47.88 37.60
 NORTH ATTLEBORO (TOWN OF)
 047.70
 NORTHEAST NUCLEAR ENERGY
 153.695
 NORTHEAST UTILITIES SERVICE CO
 37.74 48.40 48.20 48.16 47.90
 47.86 37.48 48.52 37.30
 NORTHERN STATES ELECTRIC CO
 451.10
 NORTHERN STATES POWER CO
 451.25
 NORTHERN STATES POWER CO
 451.20
 PEABODY (CITY OF)
 048.46
 PITTSFIELD WATER DEPARTMENT
 037.76
 ROULEY MUNICIPAL LIGHTING
 153.62
 SALISBURY WATER COMPANY
 048.20
 SOUTH HADLEY (CITY OF)
 153.41
 SOUTHBRDG (TOWN OF)
 047.94
 SOUTHRIDGE WATER SUPPLY
 153.68
 STERLING (TOWN OF)
 048.38
 TAUTON MUNICIPAL LIGHTING
 158.19
 WAKEFIELD (TOWN OF)
 037.50
 WARE (TOWN OF)
 451.025
 WAYLAND (TOWN OF)
 153.41
 WEST BOYLSTON (TOWN OF)
 048.38
 WESTERN MASS ELECTRIC CO
 48.34 48.16 48.04 47.98 47.86
 37.74 451.10
 WESTFIELD (CITY OF)
 048.14
 YARMOUTH (TOWN OF)
 047.74



ANTENNA NEWS

Doug Dornbos
3009 Port Sheldon
Hudsonville, MI
49426

December 1984

Do we not reach out for far-distant signals in
hope of bringing them near?

Do we not listen to the barely audible in hopes
of hearing the unexplainable?

Do we not patiently wait for the one moment of
pleasure in hopes that it will be worth the
hours of strain?

During this Christmas-time of year, it is my
sincere hope that in your reaching out, the
Christ-child may draw you near.

That in your listening, you may relish again His
unexplainable story of love.

And that you and your's may find that the hours
of strain have resulted in a most pleasurable
Holiday Season.

Merry Christmas.

Lerry

This month's column consists entirely of an index of hardware suppliers.
If there are companies you feel should be included please let me know.
Also, I stand corrected on my statement a few months ago that the RCA mini
state antenna is no longer available, it is being made by TDP who I have
included in the directory. Thanks to Don Fritz for that correction.

***** 1985 HARDWARE DIRECTORY *****

Alpha Wire Corp.
711 Lidgerwood Ave.
Elizabeth, NJ 07207
201-925-8000

manufactures RG59,6,&11

Antennacraft Co.
P.O. Box 1005
Burlington, IA 52601
319-754-7575

full line manufacturer

American Tower PO Box 29
Shelby OH 44875
419-347-1185

towers and accessories

Alliance Mfg. Co.
Alliance, OH 44601
216-821-5360

rotors

Antenna Specialists
12435 Euclid Ave.
Cleveland, OH 44106
216-791-7878

mobile fm antennas by Avanti
base and mobile scanner antennas

Belden Corp.
P.O. Box 1980
Richmond, IN 47374
317-983-5200

coax,twin-lead,rotor wire

Blonder-Tongue Labs
1 Jake Brown Rd.
Old Bridge, NJ 08857
201-679-4000

full line manufacturer

CADCO
2706 National Circle
Garland, TX 75041
214-271-3651

CATV quality preamps & antennas

Doug Dornbos
3009 Port Sheldon
Hudsonville, MI
49426

Antenna News

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December 1984

Directory (cont.)

Caig Labs Inc.
PO Box J
Escondido, CA 92025
714-743-7143

Manufactures Cramolin contact cleaner full line manufacturer

Castle Marketing
Box 219 Holland St.
Alexandria Bay, NY 13607
315-482-2589

markets Magnum Power Sleuth in USA

C,E,&D
24 High Range Rd.
Londonderry, NH 03053

Uhf antennas

Channel Master

Smithfield, NC

full line manufacturer

Cushcraft Corp.
PO Box 4680
Manchester, NH 03108
603-627-7877

CATV quality single channel yagis

Dearborn Wire & Cable
9299 Evenhouse Ave.
Rosemont, IL 60018
312-696-1000

coax,twin-lead,rotor wire

Dennesen Electrostatic Inc.
715 Hale St. Box 51
Beverly, Mass. 01915

Polaris indoor FM antenna

DX Tele Labs
3822 N. Paradise Rd.
Flagstaff, AR 86001
602-774-4735

retail mail order TV antennas/amps

Electronic Specialists Inc.
171 S. Main St. Box 389
Natick, Mass 01760
617-655-1532

Vhf & Uhf high pass filters

Gemini Industries full line manufacturer

215 Entin Road
Clifton, NJ 07014
201-471-9050

General Instrument Corp.
TACO/Jerrold Division
1 Taco St.
Sherburne, NY 13460
607-674-2211

manufactures Jerrold Antennas

Harada Industries
1900 W. Artesia Blvd.
Compton, CA 90220

full line of auto am-fm antennas

Hirschmann
PO Box 416
Clifton, NJ 07011
201-340-3111

full line of auto am-fm antennas

Kay Townes Antenna Co.
PO Box 593
Rome, GA 30161
404-291-9871

full line of antennas

Lance Industries
13001 Bradely Ave
Sylmar CA 91342
213-367-1811

full line antenna manufacturer

MATCO Electronics
PO Box 316
Cadillac, MI 49601

Vhf & Uhf & scanner preamp kits

McGee Radio
1901 McGee St.
Kansas City, Missouri 64108-1891

mail order retailer for Jerrold
products

Pico Products
103 Commerce Blvd.
Liverpool, NY 13088
315-451-7700

notch filters and traps

Directory (cont)

RMS Electronics
50 Antin Place
Bronx, NY 1C462
212-892-6700

connectors, adaptors, splitters, baluns manufactures Hy-Gain rotors & towers

Rohn
PO Box 2000
Peoria IL 61656
309-697-4400

Towers from 10' to 800'

Russell Industries
3000 Lawson Blvd.
Oceanside, NY 11572
516-536-5000

replacement whips for portable radios and auto antennas

Sadelco Inc.
75 W. Forest Ave.
Englewood, NJ 07631
201-569-3323

field strength meters

Scientific Atlanta
1 Technology Parkway
Box 1056000
Atlanta GA 30348
404-441-4000

CATV quality yagis & amplifiers

Sitco Antennas
PO Box 20456
Portland, OR 97220

CATV quality yagis

Sonim Corp.
last known phone # 305-845-1507
took over the Finco line of antennas

South River Metal
PO Box 394
Matawan NJ
2C1-560-7087

Tripods

TDP Electronics
111 BeeTree Rd.
Swornanoa, NC 28776
704-298-6990

mobile TV antennas

Telex Communications
96CO Aldrich Ave. So.
Minneapolis, MN 55420
612-884-1371

Times Fiber Communications Inc.
CATV Division
PO Box 384
Wallingford, CT 06492
203-205-8500

manufactures RG59, 6, & 11; also .412, .500, .625, .750, .875, and 1.00 cable

Tri-Ex Tower Corp.
PO Box 5009
Visalia, CA 93278
209-625-9400

towers-telescoping & self-supporting

Winegard
3000 Kirkwood St.
Burlington, IA 52601
319-753-0121

full line manufacturer

Wintenna Inc.
911 Amity Rd.
Anderson, SC 29621
803-261-3965

mobile fm & tv antennas

FM NEWS

New FM Stations, Translators Granted

- AL Florence W280AH 103.9 (WAPI-Fm 94.5 Birmingham AL translator)
 AZ Claypool (near Globe) 105.5 3000 h,v; 360'
 AZ Flagstaff *91.1 1425 h,v; 2010'; g: AZ Media Net
 AZ Prescott *90.7 1425 h,v; 1465'; g: Ed. Fouad
 AZ Lake Havasu City K240AD 95.9 (KLUJ-Fm 92.3 Glendale AZ translator)
 AZ Yuma *88.9 100 h,v; 1235'; g: AZ Media Fou.
 AR Hope XKAR-Fm 101.7 3000 h,v; 295'
 CA Chico *89.1 1300 h,v; 1525'; g: American Media
 CA Kernville 102.3 130 h,v; 1230'
 CA Los Osos-Baywood Park 101.3 4800 h,v; 1510'
 CA Newell (34-19-35; 118-24-25, or NE of Newhall CA, where KIQO has an on-channel booster) K261AB 100.1 (KIQO 100.3 Los Angeles)
 CA North Fork Bass Lake K276BW 103.1 (KAAT 107.1 Oakhurst CA)
 CA Redding 97.3 28000 h,v; 3570' (Camarillo)
 CA Simi Valley K292CR 106.3 (KZTR 96.9)
 CA South Lake Tahoe K212AJ *90.3 g: KEBR 100.5 Sacramento CA translator; put an "i" in front of KEFR and its other translators (not a translator of KEFR San Francisco CA)
 CA Ukiah-Willits K244AH 96.7 (KREO 92.9 Healdsburg CA)
 CO Aspen K237BH 96.3 (KGMI 101.5 Eagle CO)
 CO Meeker K280CS 103.9 (KVEE 92.3 Grand Junction CO) [Durango CO]
 CO Pagosa Springs K280BX 103.9 (KIQO 101.3/CO Walsenburg KSPK 92.3 1900 h,v; 380')
 CO Pueblo *91.3 600 h,v; 470'; g: Besto Found' on, IL Rockford W292B 106.3 (WFPS 92.1 Freeport)
 IA Ottumwa K269CM 101.7 (KKRQ 100.7 Ia City)
 LA Baton Rouge W244AI 96.7 (WHMD 107.1 Hammond LA)
 LA De Ridder KROK 92.1 3000 h,v; 300'
 LA Jonesville K232BQ 94.3 (KRRV 100.3 Alexandria LA) [Foundation]
 KS Weir KJWR *89.9 385 h,v; 155'; g: Educ. Bcty/
 MI Pittsford *91.1 100 h,v; 125'; g: Ed. Founder's
 MO Jefferson City K292AG 106.3-listed as being a translator of KCFQ-Fm Tulsa OK, but JBJ Broadcasting has been modifying its far-flung translator application to closely follow stations as primaries. I am guessing it will be a translator of KARO 101.7 Columbia MO; Al Germond can correct me if I am wrong.
 MO Kimberling City K280CC 103.9 (KORX 93.5 Greenfield MO), 10 watts
 MO St. Mary's City *81.7 285 h,v; 33'; SH College
 MN Grand Rapids K252BQ *98.3 (KBHW 99.5 International Falls); also KBHW has a translator K237BE on 95.3, but the town location was not heard) [Pequot Lakes MN]
 MN New York Mills K257BD *98.3 (KTIG 100.1/MN Virginia K211BC *90.1 (KAXE 81.7 Grand Rapids MN)
 MO Arnold *89.9 150 h,v; 105'; g: directional ant.
 MO Camdenton *90.7 3000 h,v; 300'; g: Foundation.
 MO Poplar Bluff 96.7 3000 h,v; 300' (Angwin CA)
 NV Reno-Carson City K214AN *90.7 (KCDN 88.9/NV Washoe City (39-18-51; 119-53-07) K257CC 99.3 (KLKT 100.1 Incline Village NV)
 NJ Pomona (near Atlantic City) WLFR *91.7 1300 h,v; 175'; Stockton State College [tions]
 NY Buffalo *89.5 8000 h,v; 450'; g: Family Star/
 NC Claremont *88.1 10000 h,v; 260'; Workshop OH Connellsville 100.9 3000 h,v; 300'; Washington Technical College, but probably to be operated commercially
 OK Shawnee *91.3 550 h,v; 350'; g: OK Foundation
 SC Myrtle Beach W232AD (WPGO 106.3 Shallotte NC, SC Paris Island 92.1 3000 h,v; 280')
 SD Aberdeen *90.1 685 h,v; 95'; g: Ed. Trust (Wood SD Rapid City K285CC 104.9 (KSQY 95.1 Dead/
 TN Covington W232AC (WEZ 92.9 Nashville)
 TN Kodak W292CA 106.3 (WEZK 97.5 Knoxville)
 TX Abilene *91.3 300 h,v; 590'; g: Ed. Foundtr.
 TX Borger *91.9 550 h,v; 480'; g: Caprock Fou.
 TX Harker Heights (SSC Killeen) 105.5 3000 h,v; 300'
 TX Victoria *88.5 3000 h,v; 350' Public Bctg.
 VA Fredericksburg *87.3 6000 h,v; 210'; g: Alpha WA Kennewick KTCV *88.1 1320 h,v; 175 vertical; 400'; Bible Center Broadcasting (g)capel)
 WI Milladore (near Stevens Point) *88.5 10000 h,v; 500'; Cornerstone Community Radio
 WI Custer K292B 98.7 (KCBP 98.7 10000 h,v; 360'; g: Ed. Foundtr.)
 WI Rock Springs *91.9 100 h,v; 1080'; g: " WY Sheridan K285CE 104.9 (KLGM 92.7 Buffalo WY)
 AT Calgary 90.9 1900; U. of Calgary students, rp, replaces carrier current station CJSW
 AT Hinton 88.1 880; CBC, CBX AM relayer
 BC Gibsons-Sechelt (55 km WSW Squamish) 107.1 32 w, CISU relayer, rm
 BC Tandler Harbour 104.3 3w, CISU relayer, rm NS Halifax 105.9 10w, on only Sept. 13-14, '84 for Pope's visit; now all gone and not DExed!
 ON Elk Lake (140 km NNE Sudbury) 89.7 8w, CBCS 99.9 Sudbury relayer
 ON Kirkland Lake 96.3 250w; CBCS relayer
 ON Peterborough 96.3 30w, rr, Trent radio
 NW Arctic Red River (location unknown) 100.9 20 watts, CBC Northern service
 AT Calgary 90.9 1900; U. of Calgary students, rp, replaces carrier current station CJSW
 AT Hinton 88.1 880; CBC, CBX AM relayer
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 ON Elk Lake (140 km NNE Sudbury) 89.7 8w, CBCS 99.9 Sudbury relayer
 ON Kirkland Lake 96.3 250w; CBCS relayer
 ON Peterborough 96.3 30w, rr, Trent radio
 NW Arctic Red River (location unknown) 100.9 20 watts, CBC Northern service
 AT Apache Junction KSTM 107.1 1950 h,v; 405'
 AZ Tucson K209AF *88.7 (from K76AL 103.1)
 AZ Yuma KTTI 95.1 30' (25000 h,v)
 AR Hot Springs KWBO 97.5 10000 h,v; 870'
 AR Jacksonville KZD 100.3 44000 h,v; 1370'
 AR Waldron K280CA 103.9 (from K232AO 94.3; assumed to be carrying KLPD 94.1 Little Rock and not KAJJ 106.3 Greenwood AR)
 CA Marina KBOD 92.7 1025 h,v (570')
 CA San Diego KPBS *88.5 1900 (2000 h,v)
 CA South Lake Tahoe K212AJ *90.3 (from K257AQ 99.3-see first column note)
 CA Ventura KBKY 95.1 9500 h,v; 965'
 CO Denver KVOD 99.5 1310' (100000 h,v)
 KMJ 100.3 1300' (") [98.3]
 CO Hockessin K282AA *104.3 (from K252Am / CO Lake City K2658S 100.9 (from K292AK 106.3)
 FL Miami WTM 93.1 1025' (100000 h,v, non-directional antenna use assumed) (h/v)
 FL Miami Beach WINZ-FM 94.8 1025' (100000 h,v)
 GA Bainbridge WJAD 97.3 1010' (100000 h,v)
 ID Sandpoint KPN 95.3 -385' (3000 n/v)
 IL Chicago WMET 96.5 4100 h,v; 1570'
 IA Iowa City KRNA 93.9 1900' (100000 h,v-transmitter Wilkinson, north of Kalona IA)
 IA Waterloo KCBN 105.7 10000 h,v; 1320'
 KS Beloit KVSV-FM 105.5 2800 h,v; 320' with true b format, rare for a small town; on air with new height, misidentified as "KVSV."
 KS Topeka KMAJ 107.7 1215' (100000 n/v)
 LA New Roads KREA 99.1 100000 h,v; 985'
 LA New Orleans WNOE-Fm 101.1 1005' (100000 h,v)
 ME Farmington WUMF *100.5 (from 92.3)
 ME Lewiston WAYU 93.9 27500 h,v; 635'
 MD Baltimore WBAR-Fm 106.5 24000 h, 22000 v (620'); reduces coverage [coverage]
 MA Boston WBUR *90.9 9100 h,v (250')
 MI Kakaska WKL-FM 97.7 900 h,v; 560'
 MN Hibbing-Chisholm (not Chisholm as primary city) K205AX 88.1 (correct calls) [+16']
 MN Northfield KRXL 98.1 100.3 100 h,v;
 MS Collins WKNZ 101.7 2200 h,v; 350'
 MS Greenville WDKE 100.7 100000 h,v; 450'
 MO Dexter KDEX-Fm 102.3 3000 h,v; 51'
 MO Florissant KCFM 97.1 100000 h,v; 560' Class C
 MO Kirksville KTUF 93.5 1550 h,v (455')

Bruce F. Elving, Ph.D.
FM Atlas
Kearney NE 68847-2610

MO Mexico KWGR 95.7 995' (100000 h.v.)
MT Baker KFLN-FM 100.5 (from 100.9) 100000 h.v.; 420'

NM Albuquerque K288CX, with KRSN-FM 98.5 Los Alamos; presumed to displace former K288CA 105.5 with KISZ 97.9 Cortez CO. NM Santa Fe KAFE-FM 97.3 1875' (100000h.v.) MT Santa Fe K288CA 100.0 h.v.; directional antenna, 2500'

NY New York WNY 97.1 6800 h.v.; 1340'
NY Patterson WRVH 105.5 1500 h.v. (460') [1010']

NC Asheville WRLT 92.3 100000 h.v. 9200 v.; / NC Charlotte WBCY 107.9 1700' (97000 h.v.)

NC Eden WSRQ 94.5 100000 h.v., DA, 1530'
NC Sanford WFJA 105.5 2250 h.v. (380')

NC Wilmington WGNI 102.7 1085' (100000h.v.)

ND Fargo KFNW-FM 97.9 995' (100000 h.v.)

OH Eaton WGTZ 92.9 32000 h.v.; 600'
OH Plata WPWT 95.7 475' (50000 h.v.)

OK Claremore KNGX 91.3 2200 h.v.; 365'

OK Ponca KNIB 107.3 100000 h.v. (1810')

OK Shawnee K272BX 102.3 (from K276BP 103.1, but reappears for 103.11)

OR Bend KNL'R 97.5 97000 h.v., 4200 v.; 535'

OR Grants Pass KFM 96.9 2180' (25000 h.v.)

PA DuBois WDBA 107.3 22500 h.v.; 695'

PA Glen Hill WZEE 97.7 17 (horizontal); 190' (from WZEE 88.7 Hockessin DE); a migration station moving to just west of Media PA.

PA Harrisburg WAFM 99.3 1200 h.v.; 530'

SC Columbia WCCS-FM 97.9 100000 h.v., 88000v; 995, directional (DA).

SC Seneca WBFB 98.1 50000 h.v., 500'; DA.
TN Greeneville W276AL *103.1 (from W285AE 104.9)

TX Sparta W19AD *91.7 (from W237AJ 95.3)
TX Hamlin KRRS 103.7 98000 h.v. (920'), for full class C status

TX Houston KHCB 105.7 100' (100000 h.v.), for some reason drastically reducing its coverages

UT Park City KPCW 91.9 plus 57 (105.5 h.v.) K265BX 100.8 (from K237AL 95.3)

VA Hampton WWDE 101.3 500' (50000 h.v.)

WA Bremerton KHT 106.8 18000 h.v.; 1490'

WA Seattle KNPS-FM 94.1 1190' (98000 h.v.) KXII-FM 95.7 1200' (100000 h.v.)

WV Buckhannon WBTQ 93.5 no directional ant.

WI De Pere WJWL 95.9 3300' (3000 h.v.)

WI Eagle River W296AD 107.1 (from Three Lakes WI)

WI Sauk City WSEY 96.7 475 h.v. 800' (ht. guessed at, FCC announced 1655', which is too high, giving far more coverage for a Class A than is allowed under FCC rules)

PR Caguas WWPJ-FM 103.3 38000 h.v.; 1740'

PR Hormigueros WGTT 92.1 3000 h.v.; 580'

VI Christiansted WVI 99.5 25000 h.v.; 1510'

BC Crawford Bay CBTE 88.3 (from 88.3)

NF St. John's CHOZ 94.7 (from 93.8— to resolve interference problem with CJON-TV, ch. 6)

SA Regina CBK-FM 96.9 new, unannounced ant height (100000); CBK 97.7 100000, new, unannounced height

Slogans/NonIDs in Use or Discontinued

GA Macon WAYS 99.1 99-Ways ("sounds utterly stupid"); still, r. O network, fmusic

IL Winnebago WYFE 95.3 no longer uses Y-95; not a nonID

LA Hammond WKAN 103.3 Cajon-103

MA Boston WZU 94.5 The Zoo

MA Nantucket WJXJ 96.3 Joy-96

LA Alexandria KXRA-FM 92.7 KX-92

OH Wooster WQKT 104.5 O Country

PA Chambersburg WIZ 95.1 2-5 (not Wixy)

SD Volvo KVXL 102.3 XL-102, ID with Brookings

TX Denton KTKS 106.1 Kiss-106

MB Winnipeg CHMM 97.5 Kiss 97-FM (very strict; never heard calls, even on the hour; calls changed?) still rm

SCA (167 kHz; 92 kHz as indicated)

DECEMBER, 1984

NE Fairbury 99.3 KUTT (KCIE)
NC Asheville 98.9 WKF (WV R LX), r. "Kiss-FM"
ND Bismarck 96.5 KYSX [minor 103.1 xtr.
ND minor 97.1 KHTH (KYND); also affects /
OK London 106.3 WCKX (not WSYX) [FM]
OK Oklahoma City 96.1 KXXY-FM" (KXXY-FM)
OK Tulsa 98.5 KCFD-FM (KCFD); affects many
translators]
OR Springfield *88.9 KQFE

PA Bloomsburg *91.1 WBUO
PA Clarion 92.7 WCCR (WV OP)
PA Williamsport 101.7 *W268AJ (not W269AJ)
SC Charleston *88.5 WFCH (not KCPG)
SC Conway 104.1 WYAV (WLAT-FM)
SC Johnston 92.7 WKSX (WTQY)
SC St. Andrews 102.3 WVGQ (WTOX)
TN Knoxville 107.7 WIVK-FM (WIVK-FM")
TX San Saba 96.7 KBAL-FM

UT Brigham City 107.1 KFKZ-FM (KFKZ); to
go to 106.9)
UT Salt Lake City 93.3 KLTQ-FM (KWHD-FM)
WI Oshkosh 103.9 WMGV (WOSH)
WI Beloit *90.3 WCFW ("FM")

WY Riverton 93.1 KTRZ
BC Terrace 103.1 WFGV ("FM")
PQ Cabazon 102.7 CFVD-FM

PQ Pohemagamook 104.9 CFVD-FM
PQ St. Gabriel-de-Brandon 99.1 CFNU-FM"

Stereo stations

AL Montgomery WVAS *90.7

OK Langton KALU *90.7

OK Ponca City KIXR 100.1

FM mistakes—9th ed. "Fm Atlas" errors

CA Santa Rosa, p. 70, 100.1 KZST (not 100.7)
MI Waterford, p. 41, *88.1 WTSB delete from
the map

MN Brainerd, p. 48 106.7 WJJY (not WJLY)

MT Bozeman, p. 74, *91.9 KLMK (not 90.9)

NY Albany, p. 133, VWOM (not WNON)

NY Montreal, p. 97, 98.3 WSL N network

missing

OK Henryetta p. 59, town misspelled (Km/GK)

OK Lake Oswego 97.3, 106.7 KMJK (not /)

OR Portland, p. 100 *107.5 KRCR \$ymbol
missing

WV Elkins, p. 130, WDNE-FM 99.3 antenna

height missing (200')

ON Kingston p. 18 *91.9 CFRC, extra space

between decimal point and nine (look
closely to see this one!)

ON London CBBK, p. 9, listed as being carried

on Anik 1 satellite. CBBK is in Kingston ON.
The London station on the satellite is CBBL.

Contributors last month—continuing the list

... John Ebeling, Bloomington MN; Eric Fader,
Bayside NY; Ted Fleischaker, Louisville KY;

Robert Garchak, Clairton PA; Van Robert Heath,
Williamston NC; Edward H. Isotalo, Appleton WI;
Jeff Kadet, Acmebook IL; Mike Kuhl, Kodak AK;

Nick Lombardi, Atlanta GA; Fredric McCormack, Fargo ND; Dennis L. Miller, WCLV Cleve-
land OH; Jack Minkow, Chicago IL; David J.

Niemer, Akron NY; Craig V. Pettillo, Portland OR; Richard H. Purkin, Willis ME (who is talk-
ing for a co-conspirator who has been indicted by
Norfolk, the man, not classic music. His station
is in Lexington, KY). Also Jim Pizzi, Lexington
KY; Richard Russel, Jersey Shore PA; Randy

Stanley, Mississauga ON; David Weller, New York

NY; Roger Vinson, Champaign IL; Richard E.

Vood, Ph.D., Hilo HI; and a contributor in the
club who wished to remain anonymous for now.

No Rim-Shotters There—

Nine Houston FM stations share an unique,

2000-foot tower—at 1920' above average terrain
each. They are: KKBO-FM 92.9 Pasadena-Houston;

KLEF 94.5, KCFK-FM 95.7, KSHR 96.5,

KFM 97.9, KODA 99.1, KXAS-FM 100.3,

KLOL 102.1, KRB-E FM 104.1. A lesser tower,
at 1700', seems to be shared by Houston's

KUHF *88.7, KLTR 93.7 and KWJO 102.9.

95.9 WVLA

MO California 94.3 KZMO-FM (not KZMO;
there is an AM affiliate with like call letters
on 1420) [106.3 in Boulder City MT]
MT Helena 101.1 KZMT (KCAP-FM; effects /
MT Missoula 102.5 KUEZ
MT Whitefish 106.3 *K292CD (not K292CC)

A \$100,000 fund drive is being conducted to launch San Antonio public FM station KSTX *89.1. KSTX stands for "K-San Antonio, Texas." This stereo station will be the 10th public radio affiliate in Texas, the sixth bilingual public radio station in the nation, and will serve the fourth largest Spanish-language radio market in the country.

Pat Dyer reports that the 95.3 translator of KLLS-FM 100.3 San Antonio is located downtown on the Alamo National Bank Building. It is nondirectional, 17 watts ERP. "The rationale for its use is that their main transmitter on 100.3 is located near I-10 and Loop 1604 (about 14 miles NW of downtown) and with multipath and intermodulation problems they just can't compete with other locals who have their antennas on the Hemisfair Tower of the Americas downtown. However, they seem to be keeping it a big secret as I've noted no media ads for it—and only once after finding out these details did I hear an on-the-air reference to it with '... and 95.3 downtown.' "

Off the air, or never came on the air? Check on these as you drive through their areas, or if you are in a 'phone-calling mood: KLLS 91.5 Plainview TX; KOHN 89.1 Lubbock TX; KWTS — *91.1 Canyon TX.

Jim Pizzi hasn't heard them in all the time he's been in the area, and I should have. I don't think they're on!" Jim had a pleasant surprise in getting E skip 10-16 for over two hours into several western states—"quite a nice surprise after a dead summer!" And he talked to a couple of men working on KMTH *98.7 Maljamar NM. "They said it should be on in Jan. '85—on a 600' tower." From his 10-16 listening Walla Walla 97.1 still KHT, not yet KRCR-FM. And he lists the following slogans/words on: KZEL 98.1 Eugene OR "K-Zell"; KSND 93.1 Springfield OR "K-Sound."

Another reporter, John Manuel, said a person at KMDL 97.7 Kaplan LA claims it is directional—toward Lafayette. This could be directionality caused by the tower and for now I am not listing this station as having a DA. KSMB 94.5 Lafayette LA is using the channel 15 tower near Church Point LA, 100000 h.v.; 1080'.

Danny Buntin: "I am toying with the idea of getting a new Carver tuner, but its steep price of \$549 keeps me putting it off. I know Carver has another model out now at about half the price and I'm looking for more information on it.

With FM congestion mounting around here I'm sure a Carver could help me out. I believe Stillwater has got to be the worst site in Oklahoma to DX from outside of Tulsa and OKC." And Danny's glad that Bill Thompson is doing something to tighten reporting standards in the VUD.

"Your new catalog is very interesting, and I'm strongly tempted to try out the Magnum Power Sleuth model 105, in spite of the rather lukewarm review in the September 1984 Stereo Review," writes Nick Lombardi.

Larry Fuss says the new channel petitioned for Duluth MN, 101.7A, has a site restriction 3.5 miles NW of town. He is working with a broker friend to try to sell an FM-AM combination and an FM translator in Nebraska. He's found out what causes the FCC to assign some Class A stations already on Class C channels (Tawas City MI). "The FCC is doing that in an attempt to clear out a lot of pending petitions for rule making that were filed before 80-90 was adopted. . . Existing A's that are changing to C channels are only doing so because the FCC told them to (in order to accommodate other changes in the table of assignments), not because they applied for it. No applications are being accepted for any of the new 80-90 assignments until the rule making is finalized."

He sent along a list of vacant FM broadcast assignments, like that which he mails to his clients. In Nebraska, for example, it shows Bridgeport 101.3 and Chadron 94.7.

The new owners of KMGW 107.9 Anoka MN being sued by the former owners of KTWN (old call letters) who claim payments for the station have not been coming in (\$25,000/month). It is interesting, in the midst of this, that the call letters have been changed—from KCBG to KMGW—with ratings falling to a measly .8 percent. Another strange station with a recent call letters' change is KTTL 93.9 Dodge City KS, which seems to have dropped its vitriolic programming and mellowed with rock and new calls—KMCS. The station still

has "KMGW 107.9" on its sign. "It's a real eye-opener," says Mike Dyer, San Antonio TX. "John Ebeling, Bloomington MN; Eric Fader, Bayside NY; Ted Fleischaker, Louisville KY; Larry Pizzi, Lovington NJ; Paul H. Hirsch, Newark NJ; Phil Lombard, St. John's NF; E. H. Isotalo, Appleton WI; Nick Lombardi, Astoria GA; John B. Isotalo, Leavenworth LA; David J. Niemi, Akron NY; Eric L. Horberg, general manager KWIP Dallas OR; Walter Patton, Killowdale ON, who kindly came through as usual with Canadian station news; Jim Pizzi, Lovington NJ; Les Price, Wilmington NC; Richard Reiss, Jersey Shore PA; John Robertson, Crosswell MI.

The NJ network will be using UHF-SCA for a radio reading service to the blind, with WNJT (TV) Trenton to be the first station using the service; it was to have begun Nov. 1. Studios to be in the State Library for the blind in Trenton, and it will be on 35 hours a week, from 4 pm to 11 pm. Later this year "Audivision" expects to be on its second UHF station—WNJB (TV) New Brunswick.

SOUTHERN FM DX

December 1984

For FM DX reporters from: AL, AR, AZ, CA, CO, DC, DE, FL, GA, KS, KY, LA, MD, NC, NM, NV, OK, SC, TN, TX, UT, VA & WV. Happy DXing!

Bob Timmerman, 2409 Woodway Dr., Orlando, FL	32821 EST
9/26 Es	10/20 Es
1207 WMGX 93.1 ME Portland	1337 WKLQ 94.5 MI Holland
10/16 Es	1341 WNW 98.5 MI Coldwater
2020 KGRC 92.9 MO Hannibal	1344 WCUZ 101.3 MI Grand Rapids
2030 KCFM 97.1 MO Florissant	1346 WQWQ 104.5 MI Muskegon
10/20 Es	1349 WOOD 105.7 MI Grand Rapids
1320 WADM 92.7 IN Decatur	1358 WJML 98.9 MI Petoskey
1325 WGTV 92.9 OH Eaton	1409 WLHT 95.7 MI Grand Rapids
1333 WLAV 97.1 MI Grand Rapids	1431 WGLQ 97.1 MI Escanaba
1334 WBTU 93.3 IN Kendalville	1434 WIMK 93.1 MI Iron Mountain

I finally got an Ohio station. My goal is to receive a station from all of the eastern states, but the Middle Atlantic states have been avoiding me. I'm hoping some tropo ducting will solve the problem. Last year at this time I had a few good openings to Virginia, but I never bothered to check the FM band because I was concentrating on TV. I would like to see how other Florida DXers are doing, so send in your reports.

Jim Pizzi, P. O. Box 1770, Lovington, NM 88260 (505)396-3251

Highlite of this report is 10-16 Es which was quite intense, probably the best since May. KLAZ was logged(via ms)on my car FM set-up about a mile from my QTH. System is a Penny's 0248 digital w/cassette, power antenna and antennacraft FM preamp. Works quite well, lots of ms all the time. 10-28 Es was in and out and brief. Tropes seem to be picking up a little.

9/6 tr	10/16 Es
1039 KTNT 93.5 NM Ruidoso, r	135 1943 KONA 105.3 WA Kennewick 1215
9/9 Es	KEZE 105.7 WA Spokane, tent., r
1436 unIDs 89.7, 88.1, east n. e.	1944 KWHT 103.5 OR Pendleton, k, ID@ 1950
9/10 tr	1946 KXDD 104.1 WA Yakima, wx, "Double D Country"
1013 KINB 107.3 OK Poteau, ads	1952 KLCL 103.1 ID Caldwell, ads, calls, "Classy FM" 1008
1024 KZEW 97.9 TX Dallas, ID@ 1027	2000 KRCK 101.1 OR Portland, ID 1319
1032 KETR 88.9 TX Commerce, ID	2001 KKRZ 100.3 OR Portland, r, ID, Z-100
1042 KYKS 95.9 TX Mineral Wells, KY-95	2003 KGON 92.3 OR Portland, r
9/20 tr	2015 KICE 100.7 OR Bend, promo, calls 1193
1030 KGEE 99.9 TX Monahans, k\$, FM-100, calls	2018 KMJK 106.7 OR Lake Oswego, r, Magic 107
9/23 tr	2019 KHPE 107.9 OR Albany, ads 1304
2230 KLZK 98.3 TX Farwell, r, \$	2020 KFAT 106.1 OR Corvallis, K-fat 1305
10/2 ms	2020 KMCQ 104.5 OR The Dalles, tent., r
1020 WMBW 88.9 TN Chattanooga, tent, g	2023 KKWC 103.3 OR Beaverton, tent., r
tr	2023 KPRD 102.9 OR Redmond, k 1215
2319 KINB 107.3 OK Poteau	2026 KWRQ 100.3 OR Gold Hill, ads 1230
10/16 Es	2028 KIQY 103.7 OR Lebanon, tent., r
1441 KUNR 88.7 NV Reno, tent., c,\$	2032 KBAT 93.5 TX Midland, off freq. of 93.3 Es
1453 KPDJ 92.3 CA Eureka, ad	2033 KZEL 96.1 OR Eugene, r, "K-zell" 1283
1858 KLYZ 92.5 WY Powell, r, ID	2039 KUGN 97.9 OR Eugene, k
1902 KBOZ 93.7 MT Bozeman, ID	2041 KZAM 95.3 OR Creswell, tent., r
KMPR 88.9 ND Minot, tent., j	2043 KSND 93.1 OR Springfield, r, 1283
1907 KZIN 96.3 MT Shelby, ads, calls	"K-sound"
CKUA 99.3 AT Lethbridge, talk, ment.	2046 KJSN 92.5 OR Klamath Falls, promo, "FM-92", calls 1170
Calgary	2103 KAGO 99.5 OR Klamath Falls, tent., r
1915 KHIT 97.1 WA Walla Walla, "all new K-hit 97" (No call change-KAFR?), r	10/19 ms
1929 KCND 90.5 ND Bismarck, wx, big band 92?	0956 KLAZ 98.5 AR Little Rock, "...KLAZ..."
1929 KMPR 88.9 ND Minot, simulcast KCND 1035	1330 UNID 98.9 MX?, SS (both on car FM)
1935 KOZE 96.5 ID Lewiston, tent., b	10/28 Es
1936 unID 95.9 n.west"Golden Age of Radio"	1725 WCIE 91.1 FL Lakeland, g, "FM-91" 1337
1939 KHWK 106.5 WA Richland, ads, wx,	1730 WUSF 89.7 FL Tampa, ID 1305
"the hawk"	1758 WPCV 97.5 FL Winter Haven, ID 1350
1940 KWQI 100.3 WA Moses Lake, tent, k	1803 WMNF 88.5 FL Tampa, ID, cont... 1305
KPQ 102.1 WA Wanatchee, tent. EL	
1941 KZZK 102.7 WA Richland, r	
KMOK 106.9 ID Lewiston, r	
KFFM 107.3 WA Yakima, r	
1942 KUMA 107.7 OR Pendleton, ID	
KMBI 107.9 WA Spokane, g	

SOUTHERN FM DX

Pizzi, cont.	DECEMBER 1984
10/29 tr	11/1 tr
2049 KWKQ 107.1 TX Graham, ad, FM-107, s/off 2102	0127 KKRQ 107.3 KS Wichita, ID 461
2325 KLTE 101.9 OK Oklahoma City, r, plus all other OKC stations	0129 KEYN 103.7 KS Wichita
10/20 tr	0130 KFDI 101.3 KS Wichita
0903 KHCB 105.7 TX Houston, g, ID	0013 KKKX 106.5 TX Galveston, SS, l 555
0918 KURF 88.7 TX Houston	0014 KJOJ 106.9 TX Conroe, g 490
1651 KPLE 104.9 TX Temple, ad	0033 KUHF 88.7 TX Houston 515
1653 KRGE 104.1 TX Houston, nx	0035 KHCB 105.7 TX Houston, SS, g
2346 KYKX 105.7 TX Longview, calls	(That was sure good going on your car FM meteor scatter, Jim. DB)
2356 KDNT 94.5 TX Gainesville, k	360

Danny Buntin, 1312 N. Skyline, Stillwater, OK 74075
 9/17 tr
 1000 KBCV 98.3 AR Bentonville, ID
 19/18 tr
 1036 KSCB 107.5 KS Liberal, calls, r
 Present total stands at 1574. Dx here continues in low gear apparently, but then I have not been paying as much attention to conditions as I should, so may have missed some openings. ~~Present total stands at 1574. Dx here continues in low gear apparently, but then I have not been paying as much attention to conditions as I should, so may have missed some openings. It seems to have come out with a new, lower priced tuner, the K-2. It's channel selectivity rating is still impressive at 20 dB. Hope everyone has a very Merry Christmas.~~

Logos from Richard Eddie-St. Louis, MO

KWBG NATURAL 98 FM
KGGO 105.5
**3900 N.E. BROADWAY
DES MOINES, IOWA 50317**

kiow fm 102
BOX 308 FOREST CITY, IOWA 50436

KKNEN STEREO 96
**100,000 Watts
P.O. Box 937
Norfolk, Nebraska 68701**

**KWOA Radio AM-FM
WORTHINGTON, MINNESOTA**
**250 Miles
150 Miles
100 Miles
Worthington
KWOA**

KRLO 97 FM
**FM RADIO STATION
105.5
281 Radio Road
Mt. Pleasant, Iowa 52641**

**POST OFFICE BOX 1269
MUSKOGEE, OKLA. 74402-1269**

NORTHERN FM DX

Saul Chernos
79 Ridge Drive
TORONTO Ontario
M4T 1B6

December 1984

Merry Xmas folks, some brief notes before we get into your reports:

*Some great TROPO in this reporting period and not all of it has been reported yet; I've heard of some real DUCTING taking place, with references to a great opening in 1978 or something like that...don't ask me which one, I was still mired in the wasteland of AM DXing then. I, myself observed SOME nice Tropo during brief excursions to Toronto and a bit in Ottawa with a rotten set-up.

*Also some E-SKIP, which I guess means that the 1984 Es season is finally underway, for those of us who stuck around all summer waiting for it. I got some in day-trip to Burnt Rvr in OCT. *CH2M, the local pirate I reported last month got busted. And the tape I had of it; well they tell you never to store tapes in a warm place, so I guess I shouldn't have left my CH2M tape on top of my broiler...had to scrape it off with a knife, after lunch one day.

*Rob Goodman writes saying KPRC FM 91.5 was on Fri Oct 5 0015-0145 with talk about DXing. (Rob, luckily I didn't keep your comedy-pirate tape on the broiler, I'll get it back to you soon).

REPORT TO THIS COLUMN YOUR FM DX FROM: AK CT HA ID IL IN IA ME MA MI MN MO MT NH NJ NY ND NE OH OR PA RI SD VT WA WI WY CANADA and FOREIGN (to US/CANADA) COUNTRIES, also other planets... (if you were on the shuttle, what did you log on FM?)

JOHN EBELING - 9209 Vincent Ave. S. - Bloomington MN 55431

From BLOOMINGTON MN:

AUG 27 Tr	1555 CBAP 88.1 PE Charlottetown FF
2130 KLKS 95.3 MN Breezy Point	1600 CFQR 92.5 PQ Montreal
2145 K220AR 91.9 MN Albert Lea (xltr KMSU MN)	1603 CBF-FM 104.3 PQ Drummondville FF
AUG 28 Tr	unids in FF on 101.1, 96.1, 93.7.
1655 KSTO 99.3 MN Alexandria	AUG 7 Tr
1832 WNCB 89.1 MN Duluth	0800 K205AX 88.9 MN Hibbing (KDNW 90.5 xltr -
1846 WEVE 100.1 MN Eveleth	finally got correct calls to log)
1855 K24LAX 96.7 MN Duluth (xltr 93.9 WTBX MN)	

Prosit near Alborn MN, about 30 miles NW of Duluth. Gear her consists of a 5-element RadioShack Yagi in the attic of my cabin. Antenna must be manually rotated. Also use a Pioneer TX9500 tuner, along with occasional use of an AJ-15. DX recorded on cassette (Editor's suggestion: do not store your cassettes in warm places such as on broilers) Most of my rcvrs SCA equipped. I built my 1st SCA unit way back about 1960. At Bloomington a 25-year-old Channel Master 10-elem. Yagi at 30' AGL; a vertically-mounted dipole on same mast but at 20' AGL. Rotor 25 years old & shoul probably be replaced. Rcvrs: a Pioneer TX9500 tuner & Heathkit AR-15 unit. Taping sometimes done on reel-to-reel. Guess that is about it from here. Will report again when cx allow DX to be heard. What a rotten summer for DX!!! Regards, John Ebeling.

BOB ZENT - 1835 Fruit St. - Huntington IN 46750

SEPTEMBER 1 1984 Tr	12 Tr
0200 WCXL 89.5 OH Dayton ID (ex-89.3)100	2031 WQHY 95.5 KY Prestonburg lclads calls 260
2 Tr	2245 WKEE 100.5 WV Huntington "Key Radio WKEE" 230
0343 WDDJ 96.9 KY Paducah calls 310	2308 WOKI 100.3 TN Oak Ridge calls 340
0400 WEIC 92.1 IL Charleston ID 180	13 Tr
0405 WKYQ 93.3 KY Paducah calls 310	31001 WFMI 100.1 KY Winchester ID 210
0411 WJBD 100.1 IL Salem calls lclad 245	2205 CBBL 100.5 ON London ID dual w/Kingston 92.9 245
0500 KFIN 107.9 AR Jonesboro ID 450	A couple of nice openings this month gave me several new loggings. I hope OCT MS activity turns out to be as productive for me as last year. 73s, Bob.
0502 KJBR 101.9 AR Jonesboro ID 450	2302 WRNF 95.3 MI Whitehall-Musk.ID 155

BRUCE ELVING - 4515 Ave. "E" - Kearney NE 68847-2610

Just Tr and a few semi-locals added to the log:

AUG 16 Tr: KFNF 101.1 KS Oberlin, KWKR 99.9 KS Leoti (pronounced LEE-OH-TAH).
AUG 21 Tr: KDSD 90.9 SD Pierpont-Aberdeen (rare here), KOLY 99.5 SD Mobridge.
AUG 22 Tr: KKCS 101.9 & KSPZ 92.9 CO CO Springs, KABI 98.3 (still) KS Abilene (to move to 98.5)
AUG 24 Good Tr: WIMP 99.3 Dodgeville for my 1st WI Class A, KDSN 107.1 IA Denison, and WHHI 91.3 in WI Highland.

AUG 29 Tr: KCKC 88.3 IA Cedar Rapids and KHAK 98.1 Cedar Rapids IA also.

SEPT 9 Tr: KNID 96.9 OK Enid, KPRS 103.3 MO Kansas City (with magnum power sleuth - booster - as I've got to aim at my two locals, & the Magnum cuts cross modulation that directn.
SEPT 19 Tr: KNAB 104.1 CO Burlington. No sign of 98.3 CO Wray which is on-air but doesn't get out far.

NORTHERN FM DX continues on next page.....

FRED MCCORMACK - 135 Prairiewood Dr. - Fargo ND 58103 Heath AJ-1600, Winegard CH-7078 at 30° and Alliance rotor. Times CDT

JULY 7 Es	AUG 26 Tr
2027 WKCC 90.7 FL Panama City BigBand 1300	0210 CBWY 95.7 MB Fisher Branch 295
2040 WBLX 92.9 AL Mobile r	" CBWY 92.7 MB Jackhead 345
20 Tr	1738 KQDJ 95.5 ND Jamestown k 90
1115 KLYF 100.3 IA Des Moines k	2300 KLLR 99.3 MN Walker 105
26 Es	
2214 WMEZ 94.1 FL Pensacola	COMMENTS: Es cont'd to be dismal in JULY & was not seen in AUG. Excellent TROPO AUG 24 but most time spent on UHF so I don't know what I may have missed. I did get much needed KMAT! The CBC repeaters (of CBW & ME Winnipeg) of AUG 26 are monaural but when heard at Des Lacs awhile ago relayed the AM mono network, (headed by CBW 990 in that region). They were relaying a CBC \$ program and IDing as CBC \$; do they carry CBC \$ after CBC AM s-offs? (Ed: the brackets are mine. Some mono relayers, both EE & FF, do this, though not all. CBC \$ went all-night earlier this year, and <u>SOME</u> AM relays (tho they may be on FM) relay \$ in mono. There aren't many CBC \$ stns so this probably an attempt to give half decent coverage. This could be interesting on Es, and a good reason to be very careful in logging stations. Also, about CJFM with FF, I get as semi-lcl and have never noted FF, but I am not a CJFM listener, and I'll check it out for you. My Canada FM list offers no alternative solution, and you did hear an ID. The occasional ID could be in FF...CHOM insame place & also EE may ID a bit in FF- I vaguely recall hearing one awhile ago)

Best of DX, Fred.

ROBERT S. ROSS - Box 4373 Stn. C - London ON N5W 5J2 EDT Ham calls: VE3JFC FM HRD 211, QSLd 130		
SEPTEMBER 22 Tr (all)	0025 WCSB 89.3 OH Cleveland	0445 CING 107.9 ON Burlington
0002 WAUP 88.1 OH Akron	0046 WCPN 90.3 OH "(prgmg yet?sc)"	0451 WIQB 102.9 MI Ann Arbor
0007 CJOM 88.7 ON Windsor	0059 WKAR 90.5 MI East Lansing	(Don't waste precious time)
0011 WYSU 88.5 OH Youngstown	0104 WFSE 88.9 PA Edinboro	(reading this box - report!!!)
0015 WEOZ 94.3 PA Saegertown	0438 WBUF 92.9 NY Buffalo	

JOE PERGE - 1575 Ditmore Stroll - Newark OH 43055 (Welcome to the column, Joe! -saul) EDT

OCT 12 Tr	Oct 14 Tr (cont'd)
1231 WMMU 90.1 MI Marquette "Public R." from N'ern MI University"	0127 CKPC 92.1 ON Brantford "13ADC-KPC R. Brantford (AM affil. is CKFC but souded like ADC) (Ed: He said "Thirteen-Eighty, CKPC, not thirteen-ADC! Eighty sounds like AD in our Canadian accent, eh? hi! 92.1 FM recently gegan AllNight & simulcasts AM w/ only an AM ID, I guess-saul)"
1251 WATN 95.3 OH Kenton w/"Agri-Broadcastg network"	211 0140 WZAK 93.1 OH Cleveland r "93FM, Pick'n' Play-ZAK"
13 Tr	211 0205 CKGL 96.7 ON Kitchener wx k "FM nx R."
1201 WBNI 89.1 IN FtWayne s-off	0246 WLTF 106.5 OH Clvld "106.5 Lite r 105/2" less talk"
2310 CJBC 99.3 ON London many FF IDs	0300 WDBA 107.3 PA DuBois wx b
14 Tr	0411 CHUM 104.5 ON Toronto "Chum-FM" weak 294
0020 CJBX 92.7 ON London "EX93,BigCountry" 211	(they go off; you gotta tune in an actual EE \$ stn in this area, unlike MB-saul)
0026 WGAR 99.5 OH Cleveland "The New WGAR" 105	0205 CKGL 96.7 ON Kitchener wx k "FM nx R."
0109 CBCL 93.5 ON London "CEC R. 740", s-off 211	0246 WLTF 106.5 OH Clvld "106.5 Lite r 105/2" less talk"
w/EE service but would return w/"CBC \$ ser-	0300 WDBA 107.3 PA DuBois wx b
vice...in Toronto at 94.1...etc...&anthem.	0411 CHUM 104.5 ON Toronto "Chum-FM" weak 294
(they go off; you gotta tune in an actual EE \$ stn in this area, unlike MB-saul)	

COMMENTS: Equipmt: Pioneer SX780 & old Jerrold Log Periodic, Uniden CR2021 & whip. This is my 1st report & hope to report more in the future. Heavy FOG during the past week seems to have contributed to some good DX Tropo (wasn't that fog pea soup-saul). I just bought the Uniden rcvr (FM, AM, SW, LW)(portable) & FM seems sensitive. It rec'd almost everything the Pioneer did but not as strong w/only internal whip. It is suspect to intermod overload from 2 lcl stns, but by rotating the whip most of the intermod is eliminated. The Uniden has only moderate sensitivity on AM, SW, but a longwire can perk sensitivity up. For 89\$ it's a very good portable rcvr. Re my DX, the London ON stns were in strong; all stns are NEW. 73's, Joe Perge

Logos from Richard Eddie-St. Louis, MO



October is now over & no more reports, so mine & more if some arrive. ELT

From OTTAWA w/Sony SF-750

OCT 7 Tr

1015 CKC2 99.1 ON Toronto

9 Tr

2130 WMHR 102.9 NY Syracuse g

14 Tr

2343 WIGS 95.3 NY Gouverneur mr "Wigs-FM"

15 Tr

0000 CBBC 95.5 ON Cornwall dual IDsw/CBCK

11:15 WDCX 99.5 NY Buffalo g

2216 WJGT 96.2 NY Canton should be .7 not

.5 as in betw. CFMK 96.3 & CBC 96.7 & called to tell 'em but they denied it;

stn 2 go off air soon, as moved to 89.5, 2310 "Radio Eight" 100.0418 or so ON Bell's

Corners, near Ottawa city limits, w/IDs & "99.9" & pr. As over 15 miles away, weak signal, and thanx to John of CH2M for alerting me to it. John is NOT running it, by the way.

Oct 31 Tr while typing this #&% column, CBBC 102.5 here went off & at 2316 got WUUU 102.5 NY Utica-Rome w/not-so-mellow rock, but not quite pr. Also "U-102" IDs.

Seal C. in Toronto at Mike Reid's to catch that Tropo

OCT 13 Tr

2200 WUCM 91.7 MI Ann Arbor j

2230 WCWN 90.3 OH Cleveland j

2249 WEEA 107.3 OH Elyria

2352 WCZY 95.5 MI Detroit "Z95.5"

Oct 14 Tr

0048 WRIF 101.1 MI Detroit "Riff" r

0058 WENS 97.1 OH Columbus in \$ b

0123 WCLE 90.7 OH Lima)//

0123 WGTE 91.3 OH Toledo)

0142 WCLV 95.5 OH Cleveland mb

but 96.7 (5?) lingers till the change publicized, so maybe a screwup; I'm deciding if to count this as a "new" stn.

17 Tr

0958 WEZF 92.9 VT Burlington mb "EZ-93" (107.9 same QTH in like local)

2201 CHIP 101.5 PQ FtCoulange "C.H.I.P.-MF" FF rm

2300 CHIK 98.9 PQ Québec "SheekMF..." FF mb

2328 CBF-1 104.3 PQ Trois Rivières \$ CBC FF

18 Tr

0205 WIBQ 98.7 NY Utica ABC Info net nx, mb

0217 CITF 107.5 PQ Québec FF (CBCK off)

29 CW-Tr

2310 "Radio Eight" 100.0418 or so ON Bell's

Corners, near Ottawa city limits, w/IDs & "99.9" & pr. As over 15 miles away, weak signal, and thanx to John of CH2M for alerting me to it. John is NOT running it, by the way.

Oct 31 Tr while typing this #&% column, CBBC 102.5 here went off & at 2316 got WUUU 102.5

NY Utica-Rome w/not-so-mellow rock, but not quite pr. Also "U-102" IDs.

Seal C. in Toronto at Mike Reid's to catch that Tropo

OCT 14 Tr cont'd

0251 WOSE 94.5 OH PtClinton

0259 WCMJ 91.7 MI Alpena

"Rock-103-WIQR" r in \$

0300 CJOM 88.7 ON Windsor

0308 WHYT 96.3 MI Detroit

0309 WLZZ 98.7 MI Detroit

0200 WRUW 91.1 OH Clv (no CJRT) 0310 WWHO 106.1 OH Mansfield

0201 WEMU 89.1 MI Ypsilanti s

0313 WCMU 89.5 MI MtPleasant

0205 WHCU 97.3 NY Ithaca CBS

0317 WMHE 92.5 OH Toledo

0218 WMUZ 103.5 MI Detroit g

And all over city Oct 19,

0222 WWW 106.7 MI Detroit W

CBC testing on 89.1 in

0245 WNIC 100.3 MI Dearborn

Paris ON & sig. gets into

Toronto fairly well, so this can count as new stn, even if CBC doesn't use 89.1; they aren't FORMALLY licensed, just seeing if they QRM anyone, etc...IDs as "CBC testing on 89.1 Mhz" & Mike Reid now tells me they're using Classical mx to test, too.

A few hours spent in Burnt River to chop wood and an Es opening welcomes me with open arms

A guy at a nearby farm where we're woodchopping is eager to show he's his Blaupunkt "Tucson" car radio...They're really good for pulling in those distant stns"...so he puts it on & I scan the dial, knowing what to expect...or did I? No stn nearby on 92.5 has k, must be SUPER TROPIC...then an 88°-90° temperature reading blew me away. After 2 mins, an ID solved things. It was my only actual ID. Ron (Tucson owner) had to be revived with cold water! My thoughts go to Harry Hayes testing a newly bought rcvr on Jan 7/84 & getting Es to NF.

OCT 20 Es 1410 WPAP 92.5 FL Panama City; Also CBC on 89.1 testing weak but consistent on the same car radio, ID also heard, to be official. That's all my DX from every conceivable location in our province, hi!

73's unless a last minute rep't.

Worldwide TV-FM DX Association

WQBK 130

WQBK FM 104

Rensselaer
Address: Box 1300
Albany, New York 12201



WCIC
9 1 . 5 F M

Campus Center 316
1400 Washington Avenue
Albany, New York 12222

P.O. BOX 187 PEKIN, ILLINOIS 61554
A BROADCAST SERVICE OF ILLINOIS BIBLE INSTITUTE



2200 NORTH GREENBAY RD
RACINE, WISCONSIN 53406

- DX SPECIAL -

ABC TALKRADIO/RAY BRIEM SHOW

SATURDAY, DECEMBER 15, 1984--0806 utc

DXING GOES NATIONWIDE! JOIN RAY AND HIS IN-STUDIO GUESTS, DR.

RICHARD WOOD AND STEWART MACKENZIE AS WE DIVULGE THE VARIOUS WORK-

INGS OF OUR STRANGE AND WONDROUS HOBBY! WE WANT YOU TO CALL IN AND

PARTICIPATE--DIAL (800)423-8255 TO SPEAK TO DR. WOOD AND MR. MAC-

MKENZIE (IN CALIFORNIA CALL 800-262-8255). WE ALSO WILL FEATURE

LIVE "PHONERS" WITH ARTHUR CUSHEN IN INVERCARGILL, NEW ZEALAND;

AND WITH GLENN HAUSER (OF WRNO) FROM FORT LAUDERDALE!

--AS THE SHOW'S PRODUCER, I WELCOME ANY LITERATURE OR SUGGESTIONS, ETC., WHICH MAY MAKE POSITIVE CONTRIBUTIONS TO THE PROGRAM. PLZ SEND TO: GREG HARDISON

C/O KABC
3321 S. LACIENEGA BLVD.
LOS ANGELES, CA 90016

WHERE TO TUNE IN YOUR (OR ANY) AREA: (#=TAPE DELAY-CHECK FOR TIMES)
(SHOW STARTS AT 0806 UTC//0306 EST) (*=BROADCAST TILL 0500 EST)

KABC	LOS ANGELES, CA	790kHz	WQBK	ALBANY, NY	1300kHz
KGNR	SACRAMENTO, CA	1320kHz	WSLI	JACKSON, MISS.	930kHz
KLCI	LAKE CHARLES, LA	1470kHz	WTKN	PITTSBURGH, PA	970kHz
KLIQ	PORTLAND, OR	1290kHz	WTTP	NATICK, MA	1060kHz
KMUS	MUSKOGEE, OK	1380kHz	WVNF	ALPHARETTA, GA	1400kHz
KOH	RENO, NV	630kHz	#KGU	HONOLULU, HI	760kHz
*KPRC	HOUSTON, TX	950kHz	#KRIG	ODESSA, TX	950kHz
KPSI	PALM SPRINGS, CA	1450kHz	#KURV	EDINBURG, TX	710kHz
KTMS	SANTA BARBARA, CA	1250kHz			
KUHL	SANTA MARIA, CA	1440kHz			
KXOK	ST. LOUIS, MO	630kHz			
*KZIA-FM	ALBUQUERQUE, NM	101.7MHz			
KZJO	SALT LAKE CITY, UT	630kHz			
WABC	NEW YORK, NY	770kHz			
WBFF	ROCHESTER, NY	950kHz			
*WBWB	YOUNGSTOWN, OH	1240kHz			
WCBM	BALTIMORE, MD	680kHz			
WCVL	CRAWFORDSVILLE, IN	1550kHz			
WEAN	PROVIDENCE, RI	790kHz			
WERC	BIRMINGHAM, AL	960kHz			
WGL	FT. WAYNE, IN	1250kHz			
WHBQ	MEMPHIS, TN	560kHz			
WIN	ATLANTIC CITY, NJ	1450kHz			
WKHM	JACKSON, MICHIGAN	970kHz			
WMER	PORTLAND, ME	1440kHz			
WNIS	NORFOLK-PORTSMOUTH, VA	1350kHz			
WOKV	JACKSONVILLE, FL	600kHz			
WPQZ	CLARKSBURG, WV	1400kHz			

--THIS SEGMENT OF THE SHOW SHOULD LAST AT LEAST TWO HOURS; THE MORE CALLS WE RECEIVE, THE LONGER THE SEGMENT WILL CONTINUE--SO DUST OFF YOUR TELEPHONES, AND LET US HEAR FROM YOU DXERS!!!!

TV STATISTICS

Bob Seybold
Bennett Rd. RD#2
Dunkirk, NY 14048

December 1984

DXer	Location	TOTAL	UHF	XLTR	ES	AU	MS	YB	as of
Bob Seybold	NY Dunkirk	948	468	110	195	6	30	50	11/84
Bill Draeb	WI Kewaunee	867	355	101	190	1	113	53	3/84
Paul Gaines	MI Detroit	527	249	23	81	28	73	4/84	
Don Ruland	WI Kenosha	525	260	36	91	31	71	3/84	
Marvin Shults	IL Toulon	492	203	27	123	26	65	1/80	
Jeff Kadet	IL Macomb	467	206	64	72	1	83	10/84	
Tom Yingling	MD Baltimore	460	228	44	185	12	70		
Jim Pizzi	NM Lovington	443	178	108	174	18	81	9/84	
Bill Eckberg	IL Dixon	427	177	8	108	1	11	55	11/84
Fred McCormick	ND Fargo	394	81	105	113	2	1	74	6/84
" "	ND Des Lacs	373	28	31	213	45	64	6/84	
Robert Kramer	IL Chicago	368	160	10	90	30		8/80	
Mike Hollis	AL Enterprise	371	175	11	75	13	80	5/84	
Mike Lapinski	NY Jamestown	358	252	50	32	1	78	10/84	
Nate Ely	WI Madison	315	180	33	35	2		2/84	
Frank Wheeler	PA Erie	289	61	1	122	2	5	55	
Roy Barstow	MA Teaticket	287	145	27	76	1	4	4/84	
Fred Nordquist	NY Clay	263	125	17	71	3	69	9/84	
Richard Reese	PA Jersey Shore	262	45	7	152	28	79	5/83	
W. R. Hepburn	ON Niagara Falls	242	84	6	84	76		8/84	
" "	NT Coral Harbour	10			9	84		"	
" "	NT Hall Beach	1				84		"	
Allan Michalek	MA Springfield	216	64	6	101			4/84	
Ron Purdue	MN Byron	193	97	34	69	81		7/84	
Mike Hogan	IL Burnham	168	88	1	42	73		6/84	
Saul Chernos	ON Toronto	161	6	94		76		3/83	
" "	ON Brunt River	60	23	12		79		"	
Bob Schweitzer	NJ E. Brunswick	156	104	14	4	76		8/84	
Steve Sprachman	NY Seaford	154	84						
John Jefferson	CA Pleasanton	133	48	17	62	1	76	8/84	
Mike Cunningham	WV Harrisville	79	37	8		83		3/84	

And now for some personal best, your own records:

John Jefferson-CA Pleasanton, longest z-skip KJRH-2 OK Tulsa and KDFW-4 TX Dallas both logged at 1425 miles.
Shortest E-skip KUTV-2 and KTVX-4 UT Salt Lake City at 560 miles.

Fred Nordquist-NY Clay, E-skip KOA-4 (now KCNC) CO Denver at 1515 miles
tropo WKOW-27 WI Madison at 667 miles
Metor scatter WBTV-3 NC Charlotte at 601 miles

W. R. Hepburn-NT Hall Beach, E-skip KIII-3 TX Corpus Christi 1510 miles
tropo WFLD-32 & WCFC-38 IL Chicago at 460 miles

F2 TFl-F2 France at 4890 miles

Bill Eckberg-IL Dixon, E-skip YSR-2 EL San Salvador at 1940 miles
Shortest E-skip WMCT-5 TN Memphis at 451 miles
VHF tropo KGUL-11 TX Galveston (now KHOU Houston)
at 915 miles
UHF tropo KARD-14 LA West Monroe at 651 miles

Ron Purdue-MN Byron, E-skip KVUU-5 NV Henderson at 1293 miles
tropo KTBO-14, KOKH-25, KGMC-34 and KAUT-43 OK
Oklahoma City at 656 miles

Keep those reports coming and thanks.....

73's Bob

CABLE TV INTERFERENCE

-- A BACKGROUND REPORT

by ED SIROVY,
Chicago Chapter Moderator
Radio Communications Monitoring Association

Although cable-TV is supposed to be closed circuit, because it uses radio waves, if that closed circuit opens somewhere, it can broadcast beyond the limits of the cable. The subscriber drop line is kept at a level much higher than normally found on antenna lead-in to provide a solid noise free signal. To prevent a subscriber from affecting other cable users, a resistance is placed between a subscriber and the trunk line. This means the trunk line must be operated at a higher level still. Thus a break in the trunk line integrity will radiate farther than a problem with a subscriber drop.

In August of 1984, a storm dropped several heavy branches onto the cable trunk line in my alley. NY channel 9 appeared on my channel 4. The UHF Atlanta superstation came in on channel 13. Manipulating the tuner controls on my (35 channel) cable ready VCR brought in HBO, Showtime, Cable News Network and other cable services with varying levels of snow and intermod. Worse yet, regular Chicago stations now had a ghost caused by the cable re-transmission being rebroadcast milliseconds behind the direct reception. Finally, my scanner was being jammed all over the spectrum.

A call to the FCC brought a "don't disturb my bureaucratic games, what do you want me to do, be a public servant?" attitude. I called the FAA as they have a remote control site at nearby Downers Grove/Woodridge in case their system was getting interference. A call to the local cable company office confirmed my suspicion that employees were never trained about a closed circuit "broadcasting." Besides, a service call was rejected by their computer because I was not a subscriber.

I located the regional cable company office in a city it did not serve. From their operator, I found out the name of their Chief Engineer who did not return my call. I sent a Certified Letter to him citing chapter and paragraph the FCC regulations. I established my right as a user of the electromagnetic spectrum as a broadcast watcher (scanner owners have no rights as they are not the intended recipient normally) that could not watch non-local stations anymore as well as having regular channels ghosted. This letter could then be used as an exhibit for a formal complaint (original and ?? copies please) to the commission in Washington. That brought results, a call from the Construction and Repair Chief besides the Chief Engineer.

I had prepared for this by walking several blocks in all directions with a portable scanner to find the point of highest signal strength. The cable company's sweeps were inconclusive because they used a wide-band measuring device. Thus, they measured up to 6 MHz of a public safety/business band spectrum. About 100 police and fire departments and 1000 business users masked any meaningful meter reading. After replacing first the connectors, then 4-drop coupler, and finally a 500 foot section of trunk cable, the interference cleared up.

A nearby ham continued to suffer interference however. He is a subscriber. He had added a section of coaxial cable to the cable connecting his TV set with his VCR. That cable was purchased at a handy neighborhood national electronics chain store. The cable did not have a 100% shield. A check of the Belden catalog revealed cable with anywhere from 100 to 80% shielding. He did himself in. His lesson is don't buy anything off the shelf regardless of brand name until you have checked the specs in a manufacturers catalog because YOU can cause radiation!

CABLE-TV INTERFERENCE

A Background Report

A TV signal occupies about 4.5 MHz of bandwidth. When this signal is sent in the 0 - 4.5 MHz portion of the electronic spectrum it is known as a baseband signal. Baseband video is used in TV stations to mix and switch pictures and is also used between computers and monitor CRTs. If you dub between VCRs you should use the baseband instead of the RF connections to bypass modulator and tuner losses. Because a coaxial cable can carry only one baseband signal, this technique would never do for cable TV.

The first cable systems solved this problem by sending these pictures by using Radio Frequencies used to send regular TV stations on channels 2-13. These were only 12 channel systems and were a waste of cable capacity. By providing subscribers with tuner/converters, it was possible to use non-standard frequencies for TV transmission. These systems provided FM re-transmission and added mid-band channels using the spectrum between 108 and 174 MHz. These were typically 20 channel systems. As low noise/higher frequency transistors were developed, the spectrum above 216 MHz (ch 13) was employed, first as about 35 channel systems up to 300 MHz and later 400 MHz and beyond for 60+ channel installations. Another technique that had to be developed is called tilt compensation. Because cable loss increases with frequency, amplifier gain must also increase with frequency.

By the way, not all cable compatible TV sets or VCRs have full 400+ MHz capability. Some only have mid-band. Others only go up to 300 MHz (35 channels). The same is true of so-called cable tuners or upverters offered to consumers by electronics dealers; buyer beware!

There are three cable TV band plans. The system that just adds on to the regular broadcast channels is called the Standard System.

A second system is called the Incremental Related Carrier System. In this system, all carriers are the same as the standard system except for channels 5 and 6. They are shifted 2 MHz up so that they are exactly 6 MHz increments from channels 2-4.

In the Harmonic Related Carrier System all carriers are shifted down 1.25 MHz from the IRC system so that all harmonics land on another carrier.

Caution, not all cable ready systems accomodate the IRC or HRC systems. Some equipment has a Standard/HRC system switch. Others have 3 position switches. If you have a broadcast/cable switch or no switch at all, lots of luck. Buyer beware.

WHAT YOU WILL HEAR SCANNING A TV CHANNEL...

The sound portion of a TV signal is wide band FM. With a narrow band scanner you will hear a distorted sound at best. At worst your detector may miss the signal completely. The sound carrier is picture + 4.5 MHz.

The picture portion is a semi-single sideband AM signal with full carrier. Because the synchronizing signals are at 100% modulation, a good Armstrong limiter-discriminator circuit still could not ignore it. The sync frequencies that modulate the carrier are 59.94 cycles vertical buzz and 15,734.264 cycles horizontal ringing buzz. The actual picture patterns will be transient pulses from -1.25 MHz to +4.2 MHz from the picture carrier.

Still another point to watch out for is located at picture + 3.5795454545 ...MHz. This is the color sub-carrier. You will probably find a buzz there unless the picture is transmitted in black and white. (B&W film is transmitted with color generator turned off; otherwise the color film camera transmits a yellowish overlay.)

The part of the video spectrum that is the quietest is at carrier + 2 to carrier + 3 MHz. Look there for hidden communications first. The picture carrier is exactly 1.25 MHz from the bottom of the channel.

CABLE-TV INTERFERENCE

A Background Report

STANDARD BROADCAST AND CABLE CHANNELS

CHAN	VISUAL	AURAL	CHAN	VISUAL	AURAL	CHAN	VISUAL	AURAL
2	55.25	59.75	47	II 349.25	353.75	U 35	597.25	601.75
3	61.25	65.75	48	JJ 355.25	359.75	U 36	603.25	607.75
4	67.25	71.75	49	KK 361.25	365.75	U 37	609.25	613.75
-	-- --	-- --	50	LL 367.25	371.75	U 38	615.25	619.75
5	77.25	81.75	51	MM 373.25	377.75	U 39	621.25	625.75
6	83.25	87.75	52	NN 379.25	383.75	U 40	627.25	631.75
-	-- --	-- --	53	OO 385.25	389.75	U 41	633.25	637.75
14 A2	109.25	113.75	54	PP 391.25	395.75	U 42	639.25	643.75
15 A1	115.25	119.75	55	QQ 397.25	401.75	U 43	645.25	649.75
16 A	121.25	125.75	56	RR 403.25	407.75	U 44	651.25	655.75
17 B	127.25	131.75	57	SS 409.25	413.75	U 45	657.25	661.75
18 C	133.25	137.75	58	TT 415.25	419.75	U 46	663.25	667.75
19 D	139.25	143.75	59	UU 421.25	425.75	U 47	669.25	673.75
20 E	145.25	149.75	60	VV 427.25	431.75	U 48	675.25	679.75
21 F	151.25	155.75	61	WW 433.25	437.75	U 49	681.25	685.75
22 G	157.25	161.75	62	XX 439.25	443.75	U 50	687.25	691.75
23 H	163.25	167.75	63	YY 445.25	449.75	U 51	693.25	697.75
24 I	167.25	173.75	64	ZZ 451.25	455.75	U 52	699.25	703.75
--	-- --	-- --	65	AAA 457.25	461.75	U 53	705.25	709.75
7	175.25	179.75	66	BBB 463.25	467.75	U 54	711.25	715.75
8	181.25	185.75	67	CCC 469.25	473.75	U 55	717.25	721.75
9	187.25	191.75				U 56	723.25	727.75
10	193.25	197.75				U 57	729.25	733.75
11	199.25	203.75				U 58	735.25	739.75
12	205.25	209.75				U 59	741.25	745.75
13	211.25	215.75				U 60	747.25	751.75
--	-- --	-- --				U 61	753.25	757.75
25 J	217.25	221.75				U 62	759.25	763.75
26 K	223.25	227.75				U 63	765.25	769.75
27 L	229.25	233.75	U 14	471.25	475.75	U 64	771.25	775.75
28 M	235.25	239.75	U 15	477.25	481.75	U 65	777.25	781.75
29 N	241.25	245.75	U 16	483.25	487.75	U 66	783.25	787.75
30 O	247.25	251.75	U 17	489.25	493.75	U 67	789.25	793.75
31 P	253.25	257.75	U 18	495.25	499.75	U 68	795.25	799.75
32 Q	259.25	263.75	U 19	501.25	505.75	U 69	801.25	805.75
33 R	265.25	269.75	U 20	507.25	511.75	---	---	---
34 S	271.25	275.75	U 21	513.25	517.75	T 70	807.25	811.75
35 T	277.25	281.75	U 22	519.25	523.75	T 71	813.25	817.75
36 U	283.25	287.75	U 23	525.25	529.75	T 72	819.25	823.75
37 V	289.25	293.75	U 24	531.25	535.75	T 73	825.25	829.75
38 W	295.25	299.75	U 25	537.25	541.75	T 74	831.25	835.75
--	-- --	-- --	U 26	543.25	547.75	T 75	837.25	841.75
39 AA	301.25	305.75	U 27	549.25	553.75	T 76	843.25	847.75
40 BB	307.25	311.75	U 28	555.25	559.75	T 77	849.25	853.75
41 CC	313.25	317.75	U 29	561.25	565.75	T 78	855.25	859.75
42 DD	319.25	323.75	U 30	567.25	571.75	T 79	861.25	865.75
43 EE	325.25	329.75	U 31	573.25	577.75	T 80	867.25	871.75
44 FF	331.25	335.75	U 32	579.25	583.75	T 81	873.25	877.75
45 GG	337.25	341.75	U 33	585.25	589.75	T 82	879.25	883.75
46 HH	343.25	347.75	U 34	591.25	595.75	T 83	885.25	889.75

IRC CHANNEL 5: 79.25V, 83.75A; CHANNEL 6: 85.25V, 89.75A

HRC SYSTEM: Subtract 1.25 MHz from IRC SYSTEM

Original cable systems were only 12 UHF channels, later 20+ systems added mid-band. As cable expanded, systems went to 300 MHz, then 400 MHz, some may be approaching 500 MHz. "Cable compatible" equipment may not accomodate HRC or IRC band plans or may cut off at 300 MHz.

STATION BREAK

WTFDA H.Q.
P.O. Box 514
Buffalo, NY 14205

WTFDA member ads only. 3 line or 30 word limit.

WANTED - Crank up 55' to 65' free standing tower; used OK if in crankable condition. Rich Wertman, 315 Pine St., Lockport NY 14094.

FOR SALE OR TRADE - ICOM 720A ham rig, 10 thru 80 meters w/IC SM5 mic. Mint condition, \$700.00 or will trade for 55' to 65' crank up free standing tower. Rich Wertman, 315 Pine St., Lockport NY 14094.

FOR SALE - Radio Shack 476-A mast mounted VHF-UHF pre-amp (VHF 26 dB/UHF 22) like new \$20.00; Pioneer TVX-9500 TV sound tuner 'push button VHF/detent UHF) with service manual & warranty card. like new \$100.00. Jim Pizzi. P.O. Box 1778, Lovington NM 88260.

WANTED - VUDs from 1976, 1979, or 1982. Also looking for old station guides (WTFDA or Vane Jones) and old translator lists. E.R. Shepherd, 329 10th St. Dr. NW, Hickory NC 28601.



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FM RADIO

TELEVISION NEWS

Bill Fahber, editor
336 Atlantic Street
Bridgeton, NJ, 08302

52 5000 1210 TX Fort Worth; Dave Reese
59 1290 920 NJ Vineland; Petrum Broadcasting (21.31 miles shortsighted to WNJT, ch. 52, Trenton!)
61 2260 879 FL Gainesville; Central Florida Broadcasting Corporation

Note on the Community TV Association applications: all twenty applications are for noncommercial assignments, and were all filed on the same day. FCC News releases didn't give any engineering data on any of them. I don't know if the original applications had any or not at this point. Nor do I know anything about the applicant.

APPLICATIONS RETURNED BY THE FCC

I normally include applications returned and dismissed under the same heading, but due to a current rash of Mickey Mouse applications there have been a large number of applications returned by the FCC because they are so poor they couldn't even be processed. Larry Fuss reported that many of the applications returned listed in the 10/84 VUD were connected with Michael Thurman, who apparently has absolutely no knowledge about engineering. The rejectees listed in the 10/84 VUD represented the third wave of trash applications. Television Digest never even bothered reporting most of them. And a cursory look at some of the applications listed above look like they are headed in the same direction.

AR Pine Bluff; ch. 25; Montgomery Broadcast
KS Salina; ch. 48; Odessa Communications
ME Lewiston; ch. 35; Lewiston Broadcasting
TX Sonora; ch. 11; Goodson Broadcasting (10 kw ERP vis; 0.01 kw aural?)

TX Alpine; ch. 12; Alpine Broadcasting (100 kw vis; 0.10 kw aural. A little better!)
VA Roanoke; ch. 60; Brahma Communications
TX Beaumont; ch. 21; Brahma Communications (Brahma still has that application for Raleigh, N.C.)

MN Minneapolis; ch. 45; MGT Broadcasting
TX Lubbock; ch. 16; Lubbock Communications
AL Dothan; ch. 60; Wireless Broadcasting Inc. (Isn't there still a construction permit for WPFF-TV there?)

NM Albuquerque; ch. 32; Alpha Omega Broadcasting of Albuquerque, Inc. (noncommercial assignment)

TX Tyler; ch. 14; Tyler 14, Ltd.

FL Miami; ch. 35; TV 35 Associates (no engineering submitted)

MN Minneapolis; ch. 45; TV 45 Associates of Minneapolis (no engineering submitted)

APPLICATIONS DISMISSED BY THE FCC
CA Sacramento; ch. 29; Capital Hispanic Broadcasters Inc.; Do Decca Ecktron Corp.; Delta Broadcasting Company Inc.; Channel 29 Investors limited partnership; Alden Communications Corporation
TX Jacksonville; ch. 56; Tarzan Television Company
PA Erie; ch. 66; Seneca Broadcasting Corp.
OH Portsmouth; ch. 30; Radio Station WPAY

DECEMBER, 1984

MS Magee; ch. 34; Magee Broadcasting Co., Inc. DE Seaford; ch. 38; John R. Powley; Seaford Television Company (action taken 10/5/84. Don't know what gives on this channel, but it looks like all three applicants were reinstated after their initial dismissal a few months ago.)
 RI Block Island; ch. 69; Minority Broadcasting of Block Island
 AZ Phoenix; ch. 45; Jonathan Byrd)
 AZ Flagstaff; ch. 13; Ware Communications Inc.
 CA San Bernardino; ch. 30; Amerasian Broadcasting Service
 CO Fort Collins; ch. 22; Fort Collins Television Inc.
 MA Vineyard Haven; ch. 58; Katy Communications Inc.
 NY Ithaca; ch. 52; Oswego Broadcasting, Inc.
 TX Lake Dallas; ch. 55; Poplar Lake Telecasters Ltd.
 UT Salt Lake City; ch. 13; Salt Lake City Utah TV Inc.
 MS Vicksburg; ch. 35; Matthew D. Wiggins Jr.; TV 35, Inc.
 TX Fort Worth; ch. 31; Texas Educational Network, Inc.
 LA New Iberia; ch. 36; Guadalupe Enterprises Inc.
 AL Selma; ch. 8; James L. Oyster (Review Board decision, confirming initial decision to renew the license of WSLA-TV, now WAKA)
 TX Dallas; ch. 58; Ideal Licensee Ltd.; Dallas 58, Inc.; Associated Communications Corporation; Ark Communications Corporation; Texas Women in Broadcasting Inc. (Joint request for settlement)
 WI Milwaukee; ch. 58; George Fritzinger; Enhancement Services Inc.; Milwaukee Broadcasting Limited Partnership; Glory Ministries. (Joint request; apparently the only remaining applicants are TV58 Ltd. and Zodiac Partnership, but I have no record of dismissal of applications for High Definition Television, Ebony Telecasters, or Herbiber B. Colon.)
 CA Rancho Palos Verdes; ch. 44; California Telecasters (Joint request; still seven other applicants competing for the channel.
 OK Norman; ch. 46; Powell Community Television (Joint agreement with Daystar Broadcasting for settlement.)

CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS
 36 1260 1452 NC Roanoke Rapids; University of North Carolina
 35 70.2 474 OK Claremore; Rogers State Coll.
 28 18.6 244 WI Sheboygan; Sheboygan County Broadcasting Company Inc. (Summary decision)
 36 2692 900 LA New Iberia; Tres Video Inc.
 31 582 1055 TX Fort Worth; Educational Television of the Southwest Inc.
 14 2780 428 VA Arlington; Urban Telecommunications Corp. (Review Board decision)
 49 1000 315 IL Springfield; Midwest Television Inc. (conditional; Review Board Decision)
 62 3630 2395 CA Riverside; KIST Corp. (Review Board, reversing initial decn)

58 1187 1670 TX Dallas; Metroplex Broadcasting Company
 46 5000 835 OK Norman; Daystar Broadcasting
 38 1243 614 MI Mt. Clemens; Adell Broadcasting Corp. (Review Board decision, affirming initial decision)

APPLICATIONS TO EXTEND CONSTRUCTION PERMITS
 33 FL Miami; WBFS-TV
 10 MN Thief River Falls; KFOM-TV
 22 CA Cotati; KRQB-TV
 64 TN Tullahoma; WBGY-TV (CP expired)
 17 AR Hot Springs; KLEP
 8 AL Selma; WSLA (now WAKA, for changes)
 45 NY Utica; [REDACTED] (for changes)
 26 AR Hot Springs; KRZB-TV
 11 AZ Yuma; KCAA
 [REDACTED]

24 PA Erie; WJET-TV (for changes)
 46 PR Cidra; WCNT
 27 TX Laredo; KLDO-TV
 19 OK Muskogee; KMKO
 4 SC Charleston; WCIV (CPs granted for changes for this and the following on 5/20/82. I have no record of what those changes are.)
 2 SC Charleston; WCBD-TV (etc.)
 5 SC Charleston; WCSC-TV (etc.)
 7 SC Charleston; WITV (etc.)
 60 CA Los Angeles; KDDE (to replace expired construction permit)
 32 FL Lakeland; WIUD
 35 IL La Salle; WWTO-TV
 24 OR Portland; KTDZ
 38 PA Scranton; WOLF-TV
 52 OK Oklahoma City; KSBI

CONSTRUCTION PERMITS EXTENDED
 32 CA San Francisco; KQEC
 2 TX Houston; KPRC-TV (for changes)
 [REDACTED]
 4 NY Syracuse; WFWY
 4 SC Charleston; WCIV (for changes)
 4 SC Charleston; WCBD-TV (for changes)
 5 SC Charleston; WCSC-TV (for changes)
 7 SC Charleston; WITV (for changes)

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS
 21 2000 850 KY Louisville; WBNA
 24 n.c. 1785 OR Portland; KTDZ
 22 n.c. 894 WA Seattle; KTZZ
 11 n.c. 230 WY Rawlins; KRWY
 17 ? ? AR Newark; KLEP (anybody know anything on this one?)
 (look for BMPET841009LA.)
 39 3000 n.c. TN Greeneville; WETO
 15 1320 1180 LA Lafayette; KAIN, directional
 26 245 936 AR Hot Springs; KRZB-TV, dir'l
 44 3289 1493 FL Pensacola; WJTC

DECEMBER, 1984

10 240 600 MN Thief River Falls; KFOM-TV
 66 n.c. 831 TN Lebanon; WJFB
 32 5000 890 FL Lakeland; WIUD (directional)
 39 560 n.c. LA West Monroe; KMCT-TV
 [REDACTED]

CONSTRUCTION PERMIT MODIFICATIONS GRANTED
 40 96.4 2754 PR Fajardo; WMTJ
 63 3435 1802 CA Oxnard; KTE
 20 68 1744 WY Casper; KTY-TV
 54 2223 1692 AL Huntsville; WZDX

APPLICATIONS FOR CHANGES IN FACILITIES
 52 1073 774 OH Sandusky; WGNN-TV
 [REDACTED]

17 3680 2215 AL Tuscaloosa; WBB

FACILITIES CHANGES GRANTED
 CA Eureka; KEET, ch. 13; granted CP to change ERP from 61.7 kw to 187 kw max.; raise antenna to 1690' AAT/337' AG/2997' ASL (160' higher); same TL. This should increase coverage area when the change is completed.

CA San Diego; KPBS-TV, ch. 15; granted CP to increase ERP from 219 kw to 3000 kw max; antenna height to 2007' AAT/220' AG/2752' ASL (56' higher); TL either on the same tower or next to it, on Mt. San Miguel. LA West Monroe; KARD (note change in call letters; I still had them as KLAAS), ch. 14; now operating 1050 kw max/938 kw hor.; (formerly 513 kw); no change in TL or height.

OH Sandusky; WGNN-TV, ch. 52; now operating at 49 kw max. Was previously licensed at 196.14 kw, so signal should be weaker. OK Tulsa; KOED-TV, ch. 11; granted MP to increase ERP from 259 kw to 316 kw max/291.7 kw hor.; 1713' AAT/1835' AG/2350' ASL (higher location, and 204' higher ASL) Coordinates 36°10'15" / 95°40'32"; TL to 1.8 miles east of Oneta (Azimuth 93° true, 23.6 miles from present site). This should be good for those who can't receive KOET, ch. 3 because of adjacent channel interference from KJRH, channel 2.

KY Madisonville; WKMA, ch. 35, applied for a license to cover changes in facilities. They are supposed to change from 614 kw max/513 kw hor. to 513 kw, for what it's worth.

[REDACTED] Don't know if they changed yet, but I can still get it in at night. AZ Phoenix (Mesa?) KAET, ch. 8; granted license to cover changes from 316 kw to 316 kw max/305 kw hor; 1756' AAT/346' AG/2989' ASL (159' higher).

IN Indianapolis; WTHR, ch. 13; granted license to cover change from 295 kw to 316 max. TX El Paso; KDBC-TV, ch. 4; granted license for change from 61.7 kw to 100 kw max; antenna height to 1563' AAT/410' AG/5610' ASL (325' higher ASL); coordinates 31°47' 46" / 106°28'57" (1/4 mile NW of previous site); TL Comanche Peak.

CALL LETTER APPLICATIONS: NEW STATIONS
 38 WDTs DE Seaford; L.E.O. Broadcasting
 35 WIKM-TV MS Vicksburg; Vicksburg Broadcasting Group

CALL LETTERS GRANTED: NEW STATIONS
 66 WSMH MI Flint; Flint Family Television
 55 WOCD NY Amsterdam; G&M Broadcasting
 25 WXXV-TV MS Gulfport; Four-O Inc.
 23 KERO CA Arcata; Mad River Broadc'g Co.
 [REDACTED] Western Pa. Christian Broadcasting Company

16 WJWT TN Jackson; WUAA
 69 KBTV IA Des Moines; Iowa Television Authority
 26 WQTO PR Ponce; Ana G. Mendez Educational Foundation
 27 KLDO-TV TX Laredo; KJTR

24 WTAT-TV SC Charleston; Charleston Community Television Ltd.

CALL LETTER CHANGES: STATIONS ON THE AIR
 2 KGAN IA Cedar Rapids; KGAN-TV
 60 KMBH TX Harlingen; KEDV

CHANGES IN THE TABLE OF CHANNEL ASSIGNMENTS
 NV Reno: add 11z

CONSOLIDATED HEARINGS
 TX Tyler; ch. 60; Big Six-O TV; Channel 60 Corporation; Minority TV of Tyler Inc.; Vestcom Broadcasting

TX Austin; ch. 54; Capital City Community Interests; Television 54 Corporation; Capitol Area Broadcasting; Balcones Broadcasting Ltd.; Lake Country Telecasters, Inc.; Channel 54 Ltd.; ATVA Associates, Inc.; DB Broadcasting Inc.

NM Gallup; ch. 10; Contemporary Communications, Inc.; Haynes Communications Company; Grand Canyon Television Company, Inc. Haynes would not have line-of-sight to principal community and requests waiver of section 73.695(b). Contemporary Communications, by the way, is owned by club member Larry Fuss.

CA Santa Barbara; ch. 38; Wilshire District Broadcasting Company Inc.; Rainbow Television Group; Coast TV (2690 kw max vis/742.3 kw max aural, or 27.6% of visual!); Mission Broadcasting Group; Mission Broadcast (as noted before, these are two different groups); Santa Barbara 38 Broadcast Group Limited Partnership (proposes KBLS(AM) tower).

CA Visalia; ch. 49; Community Educational Television Inc.; Diocese of Fresno Educational Corporation.

FL Lake Worth; ch. 67; Dan Mahoney; Minority Television of Lake Worth, Inc.; Lake Worth Broadcasting Corporation; Hispanic Broadcasting Inc. WFLX-TV, West Palm Beach, objected that Mahoney had no assurance of a transmitter site, was short-spaced to another channel assignment, had no EEO statement, and was not financially qualified; Mahoney subsequently asked that his application be dismissed.

UT Provo; ch. 16; San Joseph Broadcasting Inc.; Morro Rock Resources Inc.; Skagit Valley Publishing Company.

GA Albany; ch. 52; Albany Broadcasters, Inc.; Harold Yancey Edwards.
 MD Cumberland; ch. 65; Gary D. Terralli; Rita L. Young

TN McMinnville; ch. 33; Warren County Broadcasters; Underwood Enterprises Inc.
AZ Kingman; ch. 6; Contemporary Communications Inc.; John R. Powley; Grand Canyon Television Company Inc.; Canyon Communications Company.
IN Hammond; ch. 62; FCC to hear objections raised by other applicants to its grant of a construction permit to Pan American Broadcasting Company.

STATIONS ON THE AIR

AL Tuscaloosa; WDBB-TV, ch. 17; went on the air 10/8/1984, 1306.8 kw max. ERP; 607' AAT/469' AG/859' ASL; coordinates 33°09' 36" / 87°30' 54"; TL 0.2 mile northeast of intersection of Jug Factory Road and 15th Avenue; zero offset.

INTERIM OPERATION OF KHOF-TV, SAN BERNARDINO
The FCC upheld a Review Board decision of 1/30/1984 designating Angeles Broadcasting Network as interim operator of KHOF-TV, ch. 30 in San Bernardino, California, formerly licensed to Faith Center, and denying the competing applications of Maranatha Broadcasting Company, Asian-American Broadcasting Foundation, and Christians Aware.

Angeles and Maranatha were considered superior to the others in terms of broadcast experience, local residence, female ownership. But Angeles was superior to Maranatha in its proposal to integrate a black 33% owner into management, and its integration of its president, Rev. Gerald G. Barnard, as the station general manager. (Contrary to the more common application, the FCC references to integration deal with the merger of ownership and management. The FCC looks down on a station in which the owners are not actively involved in the station's management.) Rev. Barnard committed himself to curtailing his outside activities to the extent necessary to effectuate his integration proposal. As a resident of Solana Beach 76 miles away, he made a sworn statement that he resides within the Grade B contour of the station. Barnard is also pastor of the Christian Faith Center Church, president of the Christian Communications Network, hosts a religious program and engages in other religious activities.

But the losing parties challenged the FCC Review Board's decision which rested on Barnard's claims of residence within the station's coverage area, his outside activities being curtailed, its refusal to permit Maranatha to investigate Barnard's integration, its disregard of Maranatha's superior proposed programming, not giving Asian-American credit for its minority ownership, and not giving effect to a merger of two applicants which resulted in the formation of Maranatha.

Maranatha also accused Barnard of having a significant relationship with the permittee of channel 69 in San Diego, whose coverage area will overlap KHOF-TV.
So much for Christian unity.

WTW, SYRACUSE, VIOLATES FAIRNESS DOCTRINE
I know this one will make Robert Goodman's blood boil!

WTW had run a series of spot advertisements for the Energy Association of New York, which advocated construction of the Association's Nine Mile II nuclear generating plant as a "sound investment" back in the summer of 1982. These ads contained the assertion that Nine Mile II is the solution to some of New York's major problems, such as the need for electricity and the need to eliminate dependence on foreign oil imports.

But the Syracuse Peace (sic) Council complained to the FCC that WTW, by running these ads without a contrasting viewpoint, had violated the Fairness (sic) Doctrine. And the FCC determined that WTW was unreasonable in its determination that the economic issue was not discussed because it was considered neither controversial nor of public importance. But the Peace (sic) Council submitted numerous newspaper articles and evidence of citizens' complaints which had been filed with the New York State Consumer Protection Board, and a statement by Public Service Commissioner Rosemary Pooler to show that the sound investment is questionable.

The FCC had responded by giving WTW 20 days in which to advise the FCC as to how it intends to meet its Fairness (sic) Doctrine obligations (sic).

I'm sure WTW could offer to sell the Syracuse Peace (sic) Council some air time at the same rate, after inflation, that it sold the same amount of air time to the Energy Association.

MORE TERMITES NIBBLING AWAY AT THE TABLE OF FREQUENCY ALLOCATIONS

The FCC had reallocated channels 15 and 16 in the Gulf of Mexico along the Louisiana-Texas Gulf Coast area for Offshore Radio Service and permitted for interstitial (offset in frequency by one-half channel from the normal voice channels) frequency use within the existing ORS allocation at 488-494 MHz (channel 17). Since only a few sparsely populated areas are affected, the FCC sees little impact on low power broadcasting operations.

EXPERIMENTAL STATIONS AUTHORIZED WITHIN THE UHF TELEVISION SPECTRUM (OR NEAR IT)
KO2XGW, Salinas, CA and 50 mile radius, to operate on 468.500 and 462.000 MHz for testing of equipment for use in fire and security alarm systems, to Radionics, Inc.
KO2XHB, Paramount and Los Angeles Basin, CA, to operate on 450-512 MHz on frequencies as designated in part 90 of FCC rules, to Yaesu Electronics Corporation to develop 16F3 and compandored sideband transceivers that operate on very low power, and to demonstrate to potential customers.
KO2XHD, anywhere within the continental US, to IBM Research and Development Inc., on 823.9625 and 868.9625 MHz to demonstrate portable Data Radio Transmission Systems.

FORUM

You might have noticed that I fixed my typewriter so that it types commas and the bottom of some lower case letters. I'm still trying to fix it so that stops misspelling words on me. (and omitting words.)

George Milone wrote to me about two weeks after the 10/84 VUD came out. Apparently the Sony Consumer Division had no knowledge about its new Bonsai UHF antennas which can be easily trimmed to any channel. That's because Bonsai, or more correctly Bonsai, is the Japanese art of tree dwarfing. I was expanding on the article from John Combs, and my apologies to George and anybody else who took that report seriously.

Robert Goodman wanted to clarify his statement in the 10-84 VUD that he meant to describe transmission space as private property, not public property. Plus a few more kind words about the FCC: "The Communications Edict now in force presumes the rf spectrum to be government property. The federal government thereby controls all wireless transmissions. Any freedom of speech they allow is merely a matter of governmental forbearance -- temporary relief from the regulation presumed to be government's right. But with private property there is no such presumption of government right."

I would like to bring up points at which I agree and disagree with Robert, and also invite more opinions from the club on the regulation/deregulation issue.

For one thing, there is definitely a presumption of government right over anybody's and everybody's private property, whether it be individuals or companies. It's called eminent domain, and without it there would be no highway system. Government also has the right of taxation and the right to take away property if taxes are withheld. Government also has the right to trespass on property for the purpose of law enforcement. Also, government has a limited right to tell you what you can and can't do with your property in the form of zoning ordinances. As for considering the radio spectrum private property, I have no objection to my neighbors claiming some radio spectrum as their own right and using that spectrum, as long as their property stays off my property. Unfortunately with radio waves, unless they build fences out of lead shields, they will have a hard time keeping their radio spectrum on their own land.

Most, if not all, of FCC rules could fall into three categories. One category would be the establishment of technical standards, such as the table of frequency allocations, NTSC color, frequency modulation, etc. The other category would deal with interference protection, hence we have the table of channel assignments, mileage separations, frequency offsets, power and antenna height limitations. These two categories are necessary and eliminating them would be tantamount to widening the Citizens Band from its present band to 10 kHz clear on up

into microwave frequencies. The third area, and an area in which I agree with Robert, is a broad area, and deals with responsibilities to the public. These rules cover the Fairness Doctrine, limits to a number of stations one person can own, limits to the stations that can be owned by newspaper interests, network control of affiliates, syndication rights by networks, overlap of coverage areas by two television stations partially owned by the same person, ascertainment of community interests, needs and problems, equal employment opportunity qualifications, local program origination, integration of station ownership and management, and many more.

Still on the 10/84 VUD, Larry G. Fuss has some corrections and additional information that wasn't available at the time. He confirmed that the Powley application for ch. 65 in Altoona, PA, was wrong, and said that Broadcasting magazine had the same mistake. That's probably because they got the same news release from the FCC, which put Powley's residence (Altoona) at proposed community of license, instead of Ashland, KY. I proceeded further and assumed he was applying for a station on the nearby Cumberland MD assignment, which was hot at the time. Larry mentioned that Cumberland MD is over 60 miles away from Altoona, and the FCC limits a community to within 15 miles of the community of assignment. The FCC had been reconsidering elimination of that 15-mile limitation some years ago, but upon looking back, I couldn't find any indication that that rule had actually been dropped.

The Nederland TX application for ch. 21 in which I had a question mark was by Texas Gulf Communications Inc., which was seeking a reinstatement for their expired CP for KTGC. An application for ch. 52 in Albany GA was for Harold Yancey Edwards, not Harold Yancey. For other question marks, KLTJ, ch. 19 in Irving TX applied for 2985 kw max at 808' AAT; WCBI-TV applied to change to 100 kw at 1996 feet (Television Digest had 608' for that). In Vicksburg, MS, TV-35's application was for ch. 35, not 66.

On the list of old construction permits on page 45, Larry says that Sherman, OK, is really in Texas. No wonder I couldn't find it; Rand McNally moved it on me. Speaking of old construction permits, Larry adds, "The FCC just instituted a 'get tough' policy on CP holders who fail to build within the allotted time. Quite a few CP's have been cancelled lately...."

From Ed Kowalski: the general manager of WTVE, ch. 51 in Reading PA told him that they plan to increase their antenna height by 300 feet and increase their coverage into most of the city of Philadelphia. WTVE offers Selec-TV. WRBV, ch. 65 in Vineland, NJ plans to drop WHT and go on to Selec-TV also. I remember WTVE trying to grab some of WMSG-TV's customers when they switched from Selec-TV to local PRISM service.

I still have a few more letters to go, but it's late, so I'll save them for next month.

WESTERN TV-DX

Fred McCormack
Box 5221
State University Sta.
Fargo, ND 58105

Deadline: 1-7-85

December 1984

December 1984

This month we can read of some more of the September tropo and also of some truly super tropo which occurred the last few days of October and the first few of November. The most distant logging was Jeff Kadet's of WCFE-57 at 915 miles for his personal distance record. Long tropo was also reported from New Mexico by Jim Pizzi.

Another notable event was an apparently widespread Es opening on October 16. William Eckberg in Illinois had Arizona and Florida simultaneously on channel 2 and Frank Aden in Idaho and Jim Pizzi in New Mexico also had good luck with the opening. In New Mexico the opening reached 107.9 MHz.

Once again, I want to urge all western DX'ers to send in their reports. I can't imagine that there is any member who would fail to report a 1000 mile UHF logging (for example), but I suspect that someone might, very well, not report his DX because it doesn't seem to compare favorably with some of the extraordinary loggings which are reported. Don't worry about that, it is still of interest as long as it is something which is unusual at your QTH.

Don't be reluctant to report a single logging, either. (Believe me, if I had one, I would report it)! I think it is important that we DX'ers try our best not to get caught up in a quest for numbers whether they be logging totals or distances (although, I don't want to belittle the importance of either). The fun is in the DX'ing and in making good solid ID's of what we catch and then accurately relating our observations to other DX'ers.

New New Mode Tent. - t Unidentified - unid S/On - + S/Off - =
ID Color Bars - @ Unid Color Bars - % IHTP - € Misc. Test Patterns - &

Nathaniel Ely, 1237 East Johnson St., #2, Madison, WI 53703 (608)-257-5220 CDT

Equipment: Quantum 1110, C.M. 7' dish with 4990 preamp at 61', 70'/30' runs of .412/RG-11 cable, H-D 73 rotor. Winegard DA-405 post amplifier (when locals off the air), Channel Master 7206 "Hi Q" trap (UHF). Tower, QDMX MD-56 (free standing).

September 1984	19 tr 0540 <u>WCMW</u> 21 MI 180 <u>WCMW</u> 27 MI 200 0115 <u>WUAB</u> 43 OH 400 0116 <u>WAKR</u> 23 OH 415 0130 <u>WDLI</u> 17 OH 420 0147 <u>=WXIX</u> 19 OH 375 0150 <u>WCPO</u> 9 OH (CBS Nightwatch)	21 tr 0500 <u>+WHIZ</u> 18 OH 430 <u>WPTD</u> 16 OH 350 0700 <u>W46AC</u> 46 MI 230 (Traverse City WCMU-14) 2330 = <u>WQLN</u> 54 PA 465 2335 <u>CKCO3t</u> 42 ON 2344 <u>CBLFT10t</u> 48 ON	21 tr 0500 <u>+WHIZ</u> 18 OH 430 <u>WPTD</u> 16 OH 350 0518 <u>WPTD</u> 14 OH 330 0519 <u>WPTD</u> 14 OH 330 0545 <u>WCET</u> 48 OH 375 0544 <u>W39AA</u> 39 IN 245 (Fort Wayne WBGU-57)
14 tr 0054	WKEF 22 OH 350	0100 <u>WKOI</u> 43 IN 315	October 1984
0115	WUAB 43 OH 400	(Snow free)	5 tr 0052 <u>WHIZ</u> 18 OH 430
0116	WAKR 23 OH 415		0438 <u>WUAB</u> 43 OH 400
0130	WDLI 17 OH 420		0523 <u>=WGKV</u> 52 MI 165
0147	=WXIX 19 OH 375		0610 <u>WRGT</u> 45 OH
0150	WCPO 9 OH		(Popeye cartoon)
19 tr 0304-0308	St. James MN xtrs 32, 48, 52, and 54. 270	0105 <u>WXIX</u> 19 OH 375	
0407	K2AOAD 20 MN 315 (Worthington KSTP- 5)	0120 <u>WTTE</u> 64 OH 375 0447 <u>WLKY</u> 32 KY 400	

My Zenith set died again after the 21st of September, and I was stuck trying to use the RCA 12" black and white for the rest of the month. I went for the electronic tuned model when I bought the RCA last month. Unfortunately, the varactor tuner overloads with cross modulation and also has a lot of "slop over" on adjacents. The sensitivity can't hold a candle to the big Zenith. To make matters worse, the tuner has no detent tuning and the dial is hopelessly inaccurate. One thing that I overlooked in the store was the fact that the set only tunes up to channel 69. I mention these things as a caution to other DX'ers - don't rush out in desperation and buy the first set that appears to be good. Take your time!! Future plan for the RCA is a marriage to a Teknika 6401.

William Eckberg, RR#4, Dixon, IL 61201 (Log at 427 with 6 new.) CDT/CST

Equipment: Zenith b&w tube receiver, CM 1110 VHF antenna, CM 7' UHF parabolic with Winegard PA4975 preamplifier on a 30' tower.

October 1984	18 tr 0130 <u>CKCO</u> 13 ON 461 0525 <u>WGKV</u> 52 MI 199 25 tr 0453 <u>WAKR</u> 23 OH 404 0455 <u>WTTE</u> 28 OH 350	28 tr 2310 <u>WQLN</u> 54 PA 481 29 tr 0200 <u>WAKR</u> 23 OH 404 0800 <u>KHNE</u> 29 NE 464 2315 <u>WGKN</u> 52 OH 342
15 tr 0530	WRGT 45 OH 298	
16 Es 2000	KNAZ 2 AZ 1258	
	WESH 2 FL 983	

Western TV DX

Frank Aden Jr., P.O. Box 2082, Boise, ID 83706

MDT?

We had an unusual Es opening here on October 16; the first time I have seen Es in October. At about 1700, I noticed venetian blinds on local channel two, KBCI. I did not see anything on higher channels, so I paid little attention. At 1950, I found KENW, channel three, solid; and strong interference on channels two and four. At 2000, the interference was so strong that local DX'er Bruce Bacon (lives in a shadow area of KBCI) was able to ID XEPM through KBCI. We also saw KXTX, channel five, and a unid on channel six.

The opening went up to channel six for about an hour and was very intense, though I did not notice any FM skip. It died out about 2200. I am very curious to see if a major solar flare had occurred, but have not yet heard anything.

I was using an RCA 19 inch color TV with rabbit ears. 73, Frank

Jeff Kadet, Box 20, Macomb, IL 61455 (309)-833-1809

CDT/CST

Equipment: Zenith N1310 color, Channel Master 1110 with CP 3800 preamp, RG-11 at 50', Channel Master 7' dish with PA 4975 preamp, .500 cable at 55'

October 1984	4 tr 0931 <u>K46AA</u> 46 MN 315 (St. James KTCA- 2) 0935 <u>K50AB</u> 50 MN 315 (St. James KAAL- 6) Also St James 48,52,54 1000 Lexington U's (Snow free)	28 tr 1847 <u>CKCO42</u> 42 ON 460 <u>CBLFT8</u> 61 ON 550 <u>CITY</u> 57 ON 610 <u>WGKV</u> 52 MI 280 1910 <u>CBLFT9</u> 40 ON 505 <u>CBLFT</u> 54 ON 410 1929 <u>CICO59</u> 59 ON 455 <u>K66BV</u> 66 MI 405 (Detroit SIN) <u>WCFE</u> 57 NY 915 2017 <u>WBKZ</u> 63 IN 300 2030 <u>CICO32</u> 32 ON 410 2052 = <u>WGKN</u> 52 OH 415 2331 <u>WTUV</u> 29 NY 620 2351 <u>WSEE</u> 35 PA 555	29 tr 0407-0500+ unid 19 ene (1000 Hz tone) 0410 <u>@WAKR</u> 23 OH 475 0419 <u>&WVIZ</u> 25 OH 475 0452 <u>&WWTV</u> 9 MI 390 (Under WGN) 0512 <u>@WFMJ</u> 21 OH 510 0516 <u>@WLCLQ</u> 61 OH 475 0523 <u>@WOAC</u> 67 OH 480 0530 <u>&CICA</u> 19 ON 610 0533 <u>@CBLFT</u> 25 ON 610 0555 <u>WENY</u> 36 NY 720 0644 + <u>WQLN</u> 54 PA 555 1000 <u>WAEO</u> 49 OH 475 1004 <u>WMCT</u> 34 NY 550 1030 <u>WPCH</u> 53 PA 550 1033 <u>WSKG</u> 46 NY 550 1130 <u>WPTT</u> 22 PA 550
18 tr 0210	&CII122 22 ON 625	(Global TP brfly over WSBT)	1958 2017 2030 2052 2331 2351
20 tr 0607	W55AS 55 WI 225 (Milwaukee WCIU-26)	(Before WRSP s/on)	(TWO TP) 2055 2052 2351
27 tr 0600	Huntsville U's in weakly.	29 tr 0000 &CICO28 28 ON 550	1030 1033 1130
28 tr 1845	CIII29 29 ON 460	0102 <u>@CFMT</u> 47 ON 610	1030 1033 1130

October started out with a whimper and ended with a bang. WCFE-57 was a real shocker, and it is my furthest tropo catch. I had the tape recorder rolling, ready to get an ID from CITY on the hour. But instead, WCFE came rolling out of oblivion and topped the channel for about a minute and a half. The station president was asking for donations to pay for expenses to increase the power at their new antenna site. I sent him a copy of the tape and told him that the current power is getting out just fine.

This opening was so intense that WXON-20 was topping WICS. Two stations which I had completely written off in the past made it through - K66BV very briefly over WFBN and CICO32 which topped WFLD for about half an hour.

The only other news is that the UHF tuner in the Zenith needs to be replaced. The fine tuning knob is practically immobile due to internal plastic and metal fatigue. A new one is on order. In the meantime, I've been relying more than usual on the AFC.

Total is now at 489. 73.

William Draeb, Ellis St., Rt. #2, Kewaunee, WI 54216

CDT

Equipment: 7' Finco dish, B-T QMA-Ub preamp @ 93', .750 cable. Stacked Finco high band yagis with B-T AB-3 (tube type) preamp @ 100' with RG-11 cable. Second tower, 40', with Winegard CH-4026 (lo-band) and Winegard SC713 (hi-band) yagis. Hi-band uses AB-300 preamp. Zenith 14N22 table model 23" b&w (1971) with B-T BTU-2s UHF converter (used for UHF and also the stacked hi-band yagis) and Zenith 16J20 19" b&w (early 60's) (used with antennas on 40' tower), and Panasonic 9" b&w portable.

October 1984

October 1984	18 tr 0130 <u>CKCO</u> 13 ON 461 0525 <u>WGKV</u> 52 MI 199 25 tr 0453 <u>WAKR</u> 23 OH 404 0455 <u>WTTE</u> 28 OH 350	28 tr 2310 <u>WQLN</u> 54 PA 481 29 tr 0200 <u>WAKR</u> 23 OH 404 0800 <u>KHNE</u> 29 NE 464 2315 <u>WGKN</u> 52 OH 342	5 tr 2022 <u>WGKN</u> 52 OH 321 (Fund raiser to raise power) 2302 <u>WCET</u> 48 OH 400 2308 <u>WNEO</u> 45 OH 405 11 tr 0500 <u>CKGN22</u> 22 ON 413 (Snow free)	11 tr 1905 <u>WTUV</u> 29 NY 445 <u>WOUU</u> 44 OH 427 <u>WKBW</u> 27 OH 420 <u>WFMJ</u> 21 OH 420 <u>WPGH</u> 53 PA 480 <u>WOAC</u> 67 OH 395 <u>WGKN</u> 52 OH 321
2 gw 1935	WGKV 52 MI (/WGVC-35)		0708 <u>WTUV</u> 29 NY 445	
5 tr 2022	WTTE 28 OH 395 WOSU 34 OH 395	11 tr 0500	0708 <u>WTUV</u> 29 NY 445	

Western TV DX

December 1984

I saw "Star Trek" again on channel 19 on the 11th at 1920. It turned out to be channel 19 in Cleveland (licensed to Shaker Heights, fm). I called the station to get a confirmation on what I saw, only to be confronted with an answering service for the station. She said someone would call be back (which never happened). She didn't know anything about their programming.

On local news, WLRE-26 is up for sale. They're \$6.7 million in the red, and the Newman Company (which is an investment and securities company) sold \$10 million worth of unregistered securities to over 500 people to cover the operating costs of the station. They own 85% of the station and the asking price is \$12.6 million.

WGVK-52 is another new one which came on recently. They are pretty weak under average conditions and seldom snow free. Their erp is 44 kW at 414 feet.

age conditions
73's. Bill

Jim Pizzi, P.O. Box 1778, Lovington, NM 88260 (505)-396-3251 MDT/MST

Equipment: Tri-Ex MW-65' Tower - @ 65', 10 element Antennacraft (hor) into Akai AT-VQ4 and JVC VT700 with Jerryold FM de-snower; @ 68', Finco P-7 UHF dish with Eu-4's preamp into Sony 8" b&w or Motorola 19" color; @ 72', Winegard CH-7023 (10 elements, chs 7-13) with Winegard AC-9730 preamp into Motorola 19" color. 35 Foot Tower - @ 35', Winegard CH-4054 with Winegard A-215 in house tube amp into Motorola 19" color; @ 38', OM 4250 6' UHF with Eu-4's preamp into 12" Emerson b&w. 20', 10 element channel 2 with Winegard AC-9260 preamp (channels 2-6); 35', OM-1110 with Winegard AC-9990 preamp on 20' push up on garage roof; Channel 2 and FM vertical on 20' push up; Winegard CH-4054 on 10' mast; 25, 10 element Antennacraft FM (vert) into JVC VT900; 13. Winegard CH-4052 with Winegard AC-9260 preamp (chs 2-6).

September 1984		10 tr	0900	K29##	29 TX	216	2 tr	0017	KHTV	39 TX	515			
6 Es	0934	KCBS	2 CA	855	(Wellington	KAMR- 4)			(Above again @ 2130)					
	1000	KCRA	3 CA	1071	KSNF	16 MO	576	2200	KMTC	27 MO	635			
	1012	KTVU	2 CA	1116	0901	K31##	31 TX	216	2210	KOKI	23 OK	473		
	1050	KCRALT	4 NV		(Wellington	KVII- 7)		2220	KLPAT	25 LA	+kHz			
	1059	KTVN	2 NV	1008	0903	K19AA	19 OK	252	WLAET	32 LA	+kHz			
		KRON	4 CA	1116	(Altus	KWET-12)		2231	=KLTS	24 LA	PBS			
8 Es	1759	WSJK	2 TN	1170	0911	K33##	33 TX	216	2245	KBHS	40 MO	510		
	1857	KDLHt	3 MN		(Wellington	KFDA-10)			(S/off 2330, then					
	1900	CBWFT	3 MB		0917	OKC	14, 25, 43	380	unid	then CB's)				
	1902	WLUCT	6 MI		(Snow free)			2303	KSNF	16 MO	576			
	1908	unids	ch 5	n-ne	0920	KEKDT	16 TX	505	2305	KPOM	24 MO	540		
	1911	KGFE	2 ND	1058	0922	KHIV	26 TX	515						
	1920	KTCA	2 MN	968	0925	Tulsa	23, 41	473	3 tr	1030	KGCT	41 OK	473	
	1952	KXJB	4 ND	990	(Snow free@1000)			8 tr	0016-0052	XEWt	2 DF			
	2003	unid	ch 5	n	NBC	0928	K43##	43 TX?	1815	KCBS	2 CA	855		
	2004	KBME	3 ND		(Unknown)			1816	KEYT	3 CA	945			
	2029	KFYR	5 ND	927					KNBC	4 CA	855			
	2030	KNDxt	2 ND	CBS	Es	2000	KCBS	2 CA	855	11 tr	0200	K57BR	57 NM	152
9 tr	0900	KTRV	26 TX	515					(Montoya	KOAT- 7)				
		KHTV	39 TX	515	15	Es	1607	unid	ch 2	Mexico				
		KNTC	46 TX	368	21	Es	1745	unid	ch 2	XEW	K59BD	59 NM	152	
	0925	KAVU	25 TX	468					(Montoya	KGGM-13)				
	0929	KCBN	6 TX	368	1825	unid	ch 3	Mexico	(Near	snow free)				
	1000	KWEX	41 TX	380	29 tr	2352	KCHF	11 NM	264	0230	K74BO	74 NM	123	
Es	1432-1455	unids-ch	2-6	northeast, east	30 tr	0730	KLDY	6 TX	196	(Forrest	KOAT- 7)			
					October 1984			0213	K67##	67 NM?				
								(Unknown)	KOAT- 7)					
								(Not K67CS)						
	1902	unid	ch 2	ABC	2 tr	0009	KTXH	20 TX	515	Es	1040	unid	ch 2 e	ABC
	2002	KTVI	2 MO	824						13 Es	1136-50	unid	ch 2 ne	

Jim Pizzi (continued)

Jim Pizzi (continued)

Jim Pizzi (continued)		31 tr	2342	K76BD	76 TX	305	1 tr	0247	K55BQ	55 OK	240		
15 Es 1900 WFMY 2 NC 1350		(Booker KVII- 7)		2343	K78BI	78 TX	305	(Hollis Country Mz TV)		0249	K57BB	57 OK	
16 Es 1439 unids 2-5 wnw		(Booker KAMR- 4)		2347	K80AY	80 TX	305	(Hollis KWTW- 9)		0404	K60##	60 OK?	
1500 KCRL 4 NV 1008		(Booker KFDA-10)		2349	K74CH	74 TX	196	(Unknown KOKH-25)		2 tr	1958	Houston U's	515
KOBI 5 OR 1224		(Carey KFDA-10)		2351	K72BZ	72 TX	196	2000 KLPB 24 LA 684		2003	KEDT	16 TX	505
KTVNT 2 NV CBS		(Carey KVII- 7)		2353	K70DA	70 TX	196	(S/off @ 2302. Visual 1480 kW max. Listed as 3160 kW maximum.)		2012	KAVU	25 TX	468
2029 KOABt 3 OR +kHz		(Carey KAMR- 4)		(S/off @ 2400)		2132 =KNCT 46 TX 368		2135 D-FW U's 368		(Snow free)			
2056 KOTI 2 OR 1170		2259 KTCA 2 MN		2146 KAMU 15 TX 44		2151 KADNT 15 LA		(CCI under KAMU)		2155 KLTL 18 LA			
2100 KOBI 5 OR 1224		(Snow free@0114)		(Snow free@0114)		(CCI under KLRU)		2222 KLPA 25 LA 644		(S/off @ 2230)			
2102 KPICT 4 OR +kHz		2238 unid channel 2		2232 KLAX 31 LA 644		2245 WRBT 33 LA		(20kHz to KRLD)		2250 WAPT 16 MS			
17 tr 0830 Houston U's 515		(ms induced)		2253 (OKHz to KEDT)		2353 Strong Cty 38,40		and 42. 300 SIN		(Under Memphis)			
20 Es 2236 WEBMT 2 IL		(Unknown KVII- 7)		(Unknown KVII- 7)		(Under Memphis)		2400 =KVEO 23 TX 576		2400 X--- 34 285			
2259 (Unknown KVII- 7)		0035 K36## 36 ??		(Unknown KVII- 7)		2400 (Ciudad Acuna)		0002 X--- 46 325		(Piedras Negras)			
22 Es 1647-1810 XHRPMT 2 TRM		(Unknown KGMC-34)		(Unknown KVII- 7)		0036 K19## 19 ??		0038 KSNF 16 MO		(S/off @ 0227)			
28 Es 1723 WESH 2 FL 1346		(Snow free@0114)		(Unknown KVII- 7)		(Unknown KVII- 7)		0039 KLRT 16 AR 644		0042 K39## 39 ??			
1759 WEDU 3 FL 1300		(Unknown KVII- 7)		(Unknown KVII- 7)		(Unknown KVII- 7)		0043 K40AG 40 OK 300		0044 K42AG 42 OK 300			
1800 WBRZ 2 LA 743		(Strong City KWTW- 9)		(Strong City KOKH-25)		(Above 2 over Memphis)		(Strong City KOKH-25)		(Above 2 over Memphis)			
29 tr 2035 KSNF 16 MO 576		(0041 K40AG 40 OK 300)		(0042 K39## 39 ??)		(0043 K40AG 40 OK 300)		(0044 K42AG 42 OK 300)		(0045 K31## 31 TX 216)			
2036 KSPR 33 MO 635		(0046 K44## 44 OK?)		(0047 K31## 31 TX 216)		(0048 K44## 44 OK?)		(0049 K44## 44 OK?)		(0050 K41## 41 ??)			
2049 KLTJ 49 TX 368		(Unknown CCI only)		(Unknown CCI only)		(Unknown CCI only)		(Unknown CCI only)		(Unknown CCI only)			
2106 WFPA 8 TX 368		(20kHz to K44AK)		(20kHz to K44AK)		(20kHz to K44AK)		(20kHz to K44AK)		(20kHz to K44AK)			
(Under KSWS)		2312 Memphis 200		2312 Memphis 200		2312 Memphis 200		2312 Memphis 200		2312 Memphis 200			
(Above three are Texas translator groups)		2313 K44AK 44 TX 200		2313 K44AK 44 TX 200		2313 K44AK 44 TX 200		2313 K44AK 44 TX 200		2313 K44AK 44 TX 200			
(Estelline KOKH-25)		30 tr 0814 K19AA 19 OK 252		30 tr 0814 K19AA 19 OK 252		30 tr 0814 K19AA 19 OK 252		30 tr 0814 K19AA 19 OK 252		30 tr 0814 K19AA 19 OK 252			
(Estelline KOKH-25)		0820 KAVU 25 TX 468		0820 KAVU 25 TX 468		0820 KAVU 25 TX 468		0820 KAVU 25 TX 468		0820 KAVU 25 TX 468			
0824 KEDT 16 TX 505		0824 KEDT 16 TX 505		0824 KEDT 16 TX 505		0824 KEDT 16 TX 505		0824 KEDT 16 TX 505		0824 KEDT 16 TX 505			
0828 KXIX 19 TX 468		0828 KXIX 19 TX 468		0828 KXIX 19 TX 468		0828 KXIX 19 TX 468		0828 KXIX 19 TX 468		0828 KXIX 19 TX 468			
0830 Houston U's 515		(Again @ 1645)		(Again @ 1645)		(Again @ 1645)		(Again @ 1645)		(Again @ 1645)			
(Again @ 1645)		1615 Austin U's 377		1615 Austin U's 377		1615 Austin U's 377		1615 Austin U's 377		1615 Austin U's 377			
1638 KAMU 15 TX 441		1638 KAMU 15 TX 441		1638 KAMU 15 TX 441		1638 KAMU 15 TX 441		1638 KAMU 15 TX 441		1638 KAMU 15 TX 441			
1720 unid ch 34 ese		(WTVX-34??)		(WTVX-34??)		(WTVX-34??)		(WTVX-34??)		(WTVX-34??)			
(WTVX-34??)		1725 KLTL 18 LA		1725 KLTL 18 LA		1725 KLTL 18 LA		1725 KLTL 18 LA		1725 KLTL 18 LA			
1737 KIDZ 24 TX 282		1737 KIDZ 24 TX 282		1737 KIDZ 24 TX 282		1737 KIDZ 24 TX 282		1737 KIDZ 24 TX 282		1737 KIDZ 24 TX 282			
2008 KACB 3 TX 196		(Rare)		(Rare)		(Rare)		(Rare)		(Rare)			
31 tr 0130 KWTV 9 OK 380		0131 OKC 14, 25 380		0131 OKC 14, 25 380		0131 OKC 14, 25 380		0131 OKC 14, 25 380		0131 OKC 14, 25 380			
(Guymon KWTW-12)		2051 K16AB 16 OK 273		2051 K16AB 16 OK 273		2051 K16AB 16 OK 273		2051 K16AB 16 OK 273		2051 K16AB 16 OK 273			
(Guymon KWTW-12)		2052 K53BE 53 OK 273		2052 K53BE 53 OK 273		(Guymon TBN)		(Guymon TBN)		(Guymon TBN)			
(Guymon TBN)		(Abv 2 near snow free)		(Abv 2 near snow free)		(Abv 2 near snow free)		(Abv 2 near snow free)		(Abv 2 near snow free)			
(Abv 2 near snow free)		2054 K58AC 58 TX 249		2054 K58AC 58 TX 249		(Texhoma KAMR- 4)		(Texhoma KAMR- 4)		(Texhoma KAMR- 4)			
(Texhoma KAMR- 4)		2055 K60AG 60 TX 249		2055 K60AG 60 TX 249		(Texhoma KAMR- 4)		(Texhoma KAMR- 4)		(Texhoma KAMR- 4)			
(Texhoma KAMR- 4)		2100 K62AZ 62 TX 249		2100 K62AZ 62 TX 249		(Texhoma KAMR- 4)		(Texhoma KAMR- 4)		(Texhoma KAMR- 4)			
(Texhoma KAMR- 4)		2104 K30AE 30 OK 370		2104 K30AE 30 OK 370		(Alva KETA-13)		(Alva KETA-13)		(Alva KETA-13)			
(Alva KETA-13)		2106 K24## 24 ??		2106 K24## 24 ??		(Unknown KVII- 7)		(Unknown KVII- 7)		(Unknown KVII- 7)			
(Unknown KVII- 7)		ms 0232 unid ch 7 ne		ms 0232 unid ch 7 ne		(Hollis KOKH-25)		(Hollis KOKH-25)		(Hollis KOKH-25)			
(Hollis KOKH-25)		tr 0245 K53AV 53 OK 240		tr 0245 K53AV 53 OK 240		(Hollis KOKH-25)		(Hollis KOKH-25)		(Hollis KOKH-25)			

Re 11-30-82: Delete channel 17 logging of translator of KTAB-32 - probable image.
Re 9-10-84 @ 1053: Strange - Oklahoma City 14, 25, and 43 back to normal scatter

December 1984

Jim Pizzi (continued)

conditions, but Tulsa 23 and 44 still steady and near snow free. Oklahoma City and Tulsa on the same heading! Vertical layer ducting?

Re 9-10-84 @ 0900-1030: Childress, TX (channels 46, 48, and 50) at 196 miles; Memphis, TX (channels 38, 40, and 42) at 200 miles; Clarendon, TX (channels 47, 49, and 51) at 195 miles; and K44AK, Estelline, TX (with KOKH-25) at 200 miles.

October 16 Es was from 1900 to 2100 into FM - where I spent most of the time, and MUF was to 107.9 - a nice surprise.

KTXS-12, Sweetwater, Texas now ID's most all of the time as "K-Texas".

Trops on October 31 - November 1 were very good. Most translators reached snow free levels at times. Another bunch of translators from Oklahoma and Texas panhandle area and no idea of location!

November 2 and 3 trops were the best so far. K18AL was a surprise, but with 38.5 kW ERP and 500' agl, not really LPTV. KLRT-16 never got too strong and had some trouble with KSNF-16 CCI. Some interesting unids on channels 9, 19, and 20, but who knows from where? Kansas City channels 41 and 50 were quite strong.

Jeff Kadet called Saturday morning (11-3) to say he had KTAB-32 in color and I heard him ID KRV-26 and KXTX-39 over the phone. But I had nothing at that time! Rats - just a little too far west for some great UHF ducting. Oh well, my turn will come, I hope! I think Jeff's location rivals Bob Seybold's mountain top QTH. I predict Jeff will have the best and most VHF, UHF, and FM loggings ever in a few years. Congratulations to Jeff on his fantastic loggings.

(Jim, you sure pulled in a bunch of mysteries this time! I tried to find some likely explanations for the unidentified translator loggings, but didn't find much. I do, however, have some suspicions (mainly for the Oklahomans). How about K36AJ, a permittee at Strong City, OK, for your unid with KGMC-34? There is a new permit at Elk City, OK for K44AP to carry KOKH-25. Could this be your CCI to Estelline, TX? It seems to me that your KWTV on channel 48 would be K48AP, a CP at Elk City, OK. I believe this translator is feeding KWTV to Erick, OK for K68AU and then on down to Hollis, OK for K57BB. This may explain your logging KWTV on channel 68 and is consistent with your previous report of KWTV on channel 57. I also suspect that KOKH-25 is being moved down the same route from K44AP and could explain some of your mystery KOKH loggings. Maybe K62BQ at Erick carries KOKH-25? What do you think? Can any Oklahoma DX'ers help? I think your SIN on channel 45 is not Austin, but is K45AK, a CP at Rosenberg. It is around 500 miles from you, but it is on the Austin path and is to carry SIN programming. fm)

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**QSL CORNER**

TV-QSLs

Thomas J. Yingling, jr.
221 Pinewood Road
Baltimore, MD 21222
1-301-282-5649

Waterbury, # 24 Summit St. Hartford, CT 06106. Letter & id logo slide from John W. Kean, VP of Enq. Operations.

My report was 1st received, & they were delighted with it! Yingling

WTIC 61 Hartford, One Corporate Center, 06103. Letter, coverage-map & schedule from Arnold L. Chase, Pres. who says my report is the

farthest we have received to date. 1 week for reply. Yingling
NC WPCQ 36 Charlotte, P.O.Box 188665, zip 28218. Letter from Jon Kennerley,
Transmitter Supervisor. Reply in 1 week thanks to address from
Roy Barstow, Teaticket, MA. Yingling (12 days for Barstow)

PA WSEE 35 Erie, 1220 Peach St., 16501. Letter from Jim Penna, CE. Yingling
WFAT 19 Johnstown, P.O.Box 19, 15907-0019. Letter, & schedule from Timothy
Crosby, General Manager, who says his staff are always excited to
hear about the reception of their signal in far away places. One
letter from a gentleman in Akron, NY (Dave Nieman) was receiving us
with similar equipment as mine.

On the left is copy of .
Roy Barstow of Teaticket, MA
1,187 mile tropo! I used my
computer to figure-out the
mileage. Address is:
WTOG-TV ch. 44, 365-105th
Terrance N.E., St. Petersburg,
FL zip-33702.

Copy below is from Jeff
Kadet of Macomb, IL
K53AD, K57AM, K59AP, from
Bethune, CO 624 miles
address: Town of Bethune
Box 46, Bethune, CO 80805

Reporters this time: Roy
Barstow, Jeff Kadet & ed.-
(me). Send in reports, ok!
73's to next month.....

Good luck to you and your locating distant stations and we
appreciate your interest in WTOG. If we can be of any further
assistance please feel free to contact us.

14 Es 2200 Unids on ch-2	14 Es 0135 Unid-3; NBC	14 Es 0147 WCIA-3 IL	14 Es 0648 PA chs.15,43	14 Es 1126 muf to 88.1;	14 Es 1130 WASH-2 FL	14 Es 1230 WDSU-6 LA	14 Es 1300 ATBS-3 LA t	14 Es 1342 KPKC-2 TX t	14 Es 1400 muf to 88.1	14 Es 1550 KJRH-2 OK t	14 Es 1830 Cuba ch.2 t	14 Es 1910 Cuba ch.3 t	14 Es 1929 WPHT-2 FL	14 Es 2100 Fade out	14 Es 0800 SC 15,35	14 Es 0805 WJJW-16 SC t	14 Es 0823 WVGA-44 GA 660	14 Es 0824 Unid-33; LPTV	14 Es 0825 W59AT NY	14 Es 0857 WLXI-61 NC	14 Es 0858 WGGI-48 NC	14 Es 0900 Durham 11,22,28	14 Es 11 Tr 0026 Unid-19; s/off	14 Es 12 Tr 0030 W25AA xlting	14 Es 13 Tr 0027 WAKR-23 OH 278	14 Es 0100 W25AA xlting	14 Es 1930 WPBT-2 FL	14 Es 2100 WEDU-3 FL	14 Es 1946 Unid-6
to 0800 SC 15,35	to 0805 WJJW-16 SC t	to 0823 WVGA-44 GA 660	to 0824 Unid-33; LPTV	to 0825 W59AT NY	to 0857 WLXI-61 NC	to 0858 WGGI-48 NC	to 0900 Durham 11,22,28	to 11 Tr 0026 Unid-19; s/off	to 12 Tr 0030 W25AA xlting	to 13 Tr 0027 WAKR-23 OH 278	to 0700 WBN-27 OH 238	to 0100 W25AA xlting	to 14 Es 1930 WPBT-2 FL	to 14 Es 2100 WEDU-3 FL	to 14 Es 1946 Unid-6														
WAWA-30 FL 653	Jacksonville	weak to fair	WMMD-47 MD	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL								
Champaign	weak to fair	WMMD-47 MD	with zero cci	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL	WBT-2 FL								
0710 NC chs.19,22	0815 NC 25,39,40	0815 NC 25,39,40	0815 NC 25,39,40	0815 NC 25,39,40	0815 NC 25,39,40	0815 NC 25,39,40	0815 NC 25,39,40	0815 NC 25,39,40	0815 NC 25,39,40	0815 NC 25,39,40	0815 NC 25,39,40	0815 NC 25,39,40	0815 NC 25,39,40	0815 NC 25,39,40	0815 NC 25,39,40	0815 NC 25,39,40	0815 NC 25,39,40	0815 NC 25,39,40											
0805 WJJW-16 SC t	0805 WJJW-16 SC t	0805 WJJW-16 SC t	0805 WJJW-16 SC t	0805 WJJW-16 SC t	0805 WJJW-16 SC t	0805 WJJW-16 SC t	0805 WJJW-16 SC t	0805 WJJW-16 SC t	0805 WJJW-16 SC t	0805 WJJW-16 SC t	0805 WJJW-16 SC t	0805 WJJW-16 SC t	0805 WJJW-16 SC t	0805 WJJW-16 SC t	0805 WJJW-16 SC t														
Valdosta; fair	Valdosta; fair	Valdosta; fair	Valdosta; fair	Valdosta; fair	Valdosta; fair	Valdosta; fair	Valdosta; fair	Valdosta; fair	Valdosta; fair	Valdosta; fair	Valdosta; fair	Valdosta; fair	Valdosta; fair	Valdosta; fair	Valdosta; fair	Valdosta; fair	Valdosta; fair												
country music videos	country music videos	country music videos	country music videos	country music videos	country music videos	country music videos	country music videos	country music videos	country music videos	country music videos	country music videos	country music videos	country music videos	country music videos	country music videos	country music videos	country music videos												
8 Tr 0603 PA 15,21,33,28	8 Tr 0603 PA 15,21,33,28	8 Tr 0603 PA 15,21,33,28	8 Tr 0603 PA 15,21,33,28	8 Tr 0603 PA 15,21,33,28	8 Tr 0603 PA 15,21,33,28	8 Tr 0603 PA 15,21,33,28	8 Tr 0603 PA 15,21,33,28	8 Tr 0603 PA 15,21,33,28	8 Tr 0603 PA 15,21,33,28	8 Tr 0603 PA 15,21,33,28	8 Tr 0603 PA 15,21,33,28	8 Tr 0603 PA 15,21,33,28	8 Tr 0603 PA 15,21,33,28	8 Tr 0603 PA 15,21,33,28	8 Tr 0603 PA 15,21,33,28														
to 0610 NC 22,28,48	to 0610 NC 22,28,48	to 0610 NC 22,28,48	to 0610 NC 22,28,48	to 0610 NC 22,28,48	to 0610 NC 22,28,48	to 0610 NC 22,28,48	to 0610 NC 22,28,48	to 0610 NC 22,28,48	to 0610 NC 22,28,48	to 0610 NC 22,28,48	to 0610 NC 22,28,48	to 0610 NC 22,28,48	to 0610 NC 22,28,48	to 0610 NC 22,28,48	to 0610 NC 22,28,48														
1342 KPKC-2 TX t	1342 KPKC-2 TX t	1342 KPKC-2 TX t	1342 KPKC-2 TX t	1342 KPKC-2 TX t	1342 KPKC-2 TX t	1342 KPKC-2 TX t	1342 KPKC-2 TX t	1342 KPKC-2 TX t	1342 KPKC-2 TX t	1342 KPKC-2 TX t	1342 KPKC-2 TX t	1342 KPKC-2 TX t	1342 KPKC-2 TX t	1342 KPKC-2 TX t															
WOR-9 NY "	WOR-9 NY "	WOR-9 NY "	WOR-9 NY "	WOR-9 NY "	WOR-9 NY "	WOR-9 NY "	WOR-9 NY "	WOR-9 NY "	WOR-9 NY "	WOR-9 NY "	WOR-9 NY "	WOR-9 NY "	WOR-9 NY "	WOR-9 NY "	WOR-9 NY "	WOR-9 NY "													
0330 WGAL-8 PA	0330 WGAL-8 PA	0330 WGAL-8 PA	0330 WGAL-8 PA	0330 WGAL-8 PA	0330 WGAL-8 PA	0330 WGAL-8 PA	0330 WGAL-8 PA	0330 WGAL-8 PA	0330 WGAL-8 PA	0330 WGAL-8 PA	0330 WGAL-8 PA	0330 WGAL-8 PA	0330 WGAL-8 PA	0330 WGAL-8 PA	0330 WGAL-8 PA														
0705 WSNL-67 NY 234	0705 WSNL-67 NY 234	0705 WSNL-67 NY 234	0705 WSNL-67 NY 234	0705 WSNL-67 NY 234	0705 WSNL-67 NY 234	0705 WSNL-67 NY 234	0705 WSNL-67 NY 234	0705 WSNL-67 NY 234	0705 WSNL-67 NY 234	0705 WSNL-67 NY 234	0705 WSNL-67 NY 234	0705 WSNL-67 NY 234	0705 WSNL-67 NY 234	0705 WSNL-67 NY 234															
0729 W59AT NY	0729 W59AT NY	0729 W59AT NY	0729 W59AT NY	0729 W59AT NY	0729 W59AT NY	0729 W59AT NY	0729 W59AT NY	0729 W59AT NY	0729 W59AT NY	0729 W59AT NY	0729 W59AT NY	0729 W59AT NY	0729 W59AT NY																
Plainview; music videos	Plainview; music videos	Plainview; music videos	Plainview; music videos	Plainview; music videos	Plainview; music videos	Plainview; music videos	Plainview; music videos	Plainview; music videos	Plainview; music videos	Plainview; music videos	Plainview; music videos	Plainview; music videos	Plainview; music videos	Plainview; music videos															
WWPT-51 VA	WWPT-51 VA	WWPT-51 VA	WWPT-51 VA	WWPT-51 VA	WWPT-51 VA	WWPT-51 VA	WWPT-51 VA	WWPT-51 VA	WWPT-51 VA	WWPT-51 VA	WWPT-51 VA	WWPT-51 VA	WWPT-51 VA	WWPT-51 VA															

EASTERN TV-DX

December 1984

Roy Barstow: P.O. Box 488-T, Teaticket MA 02536 (617)-548-2329 EDT

Oct. 1984	Oct. 1984	Oct. 1984
8 Tr 1300 WSNL-67 NY 140	10 Tr 2130 WRLH-35 VA 450	13 Tr 0700 WCPB-28 MD 340
WRRB-65 NJ 270	WBFF-45 MD 350	to WBOC-16 MD "
1315 WMDT-47 MD 340	2145 WMDT-47 MD 340	0730 WHRO-15 VA 440
W44AD(WIKR)380	W59AT NY	1500 WBRE-28 PA 270
W4-LAC(WAVY)"	2200 WTKK-66 VA 410	WNEP-16 PA "
WMGM-40 NJ 285	2300 WN-VC-56 VA 385	1530 WVIA-41 VT 160
1330 WTVZ-33 VA 440		WEIK-33 VT 240
WCPB-28 MD 340		to WNNE-31 NH 170
WYAH-27 VA 450		WVNY-22 VT 240
WBOC-16 MD 340	11 Tr 0100 WTAF-29 PA 260	WCAX-3 VT "
WEHO-15 VA 440	WVIR-29 VA 480	1630 WMTW-8 ME 190
1335 W6DAL(WVEC)380	WLFL-22 NC 585	2230 WLHV-15 PA 320
2300 WRLH-35 VA 450	12 Tr 2200 WHRO-15 VA 440	WLVI-39 PA 260
9 Tr Semi-locals + NH 9,	WBOC-16 MD 340	to WDAU-22 PA 270
21, 50 in good.	13 Tr 0600 WPMT-43 PA "	WVIA-44 PA "
10 Tr 2100 WHRO-15 VA 440	WRLH-35 VA 450	2330 WITF-33 PA 325
WBOC-16 MD 340	WTVZ-33 VA 440	14 Tr 0030 WGCB-49 PA
WVNY-22 VT 240	WBFF-45 MD 350	s/off
WWLP-22 MA 110	0658 WVNY-22 VT 240	0140 WXXA-23 NY 180
WAPB-22 MD 360	sign on.	0740 WKTV-2 NY 260
2115 WCPB-28 MD 340	0700 WWEN-12 VA 455	0750 WCBB-10 ME 195
2130 WTVZ-33 VA 440	WAPB-22 MD 360	bullseye TP

Oct. 1984 Oct. 1984 Oct. 1984

19, 16, 17, 18, 19 semi-locals. 21 0030 WBOC-16 MD 340 21 Tr 0100 WPMT-43 PA 340
 20 Tr 2100 WBFF-45 MD 350 Tr 0100 WVIA-44 PA 270 0130 WMDT-47 MD "
 21 Tr 0030 WNEP-16 PA 270 WPMT-43 PA 340 22, 23, 24, 25, 26, 27, 28 semi's.

Well, after walking through GA and ending up on the west coast of FL last month this month has cooled down. Odd, the weather here has been warm(Indian Summer) with hurricane Josephine preventing much reception down the coastline. At times good reception during the day but didn't pan out at night. Maybe, more good openings before the winter doldrums. Still need KY and WV. Wonder what mode will bring them in! Anyone from that area picking up RI or eastern MA give me a call collect anytime. Veries back from WKFT-40, WGGT-48, WPCQ-36, WLTX-19, WCCB-18, WEBA-14, WRDW-12. WTSO-21. WTOG-44. Totals now 300+.

William J. Draeb
Ellis St. R.R.#2
Keweenaw WI
54216

Deadline: 1st

Eastern TV-DX

December 1984

Gerald H. Berkow: 29 Sedgefield Drive, Morris Plains NJ 07950 EDT
 Well, this past Es season was a real disaster. I cannot evaluate the entire season as I was not available for DXing during the month of May. However, the June thru August period was the poorest I've seen in this area in my 25 years experience in TV DXing. Openings were very infrequent and generally of short duration and low intensity, with only two openings making it up to ch.6.

June 1984

12 Es 2030 WPBT-2 FL

2100 WESH-2 FL

13 Es 1800 WPBT-2 FL

2000 Cuba ch.3

16 Es 1600 Unid-2; NBC

2200 WPBT-2 FL

21 Es 1828 WEDU-3 FL

1830 Unid-3; ABC

June 1984

21 Es 1900 Unid-6; CBS

1928 WREG-3 TN

2000 WSIL-3 IL

29 Es 1140 Cuba ch.3

July 1984

26 Es 1921 KTBS-3 LA

1928 WREG-3 TN

2000 WSIL-3 IL

29 Es 1140 Cuba ch.3

August 1984

6 Es 2010 Unid-2; ABC

Jeff Wolf: 1131 University Blvd. W., Apt. 701, Silver Spring MD 20902 EDT

WTWX-34 FL should have been marked tentative in my last report (May VUD). I saw WAWS-30 once before. This time (6/7) I I.D.ed it. Their signal came in weak to fair and went into complete fades at times. WVGA-44 was a little stronger and didn't fade as much. I don't know the location or identity of that IPTV on ch.33. It was in when the NC and SC stations were in. The only IPTV on that channel that I'm aware of is W33AD in Concord VA. However, I have no idea if they're on, or what the programming is.

April 1984

30 Tr 2245 WJTM-45 NC 273 20 Tr 0730 NC 19, 25, 40

2300 Fade out

May 1984

2010 Unid-2; ABC

May 1984

1 Tr 0000 WGGT-48 NC

0035 Fade out

0100 Durham NC 22, 28

June 1984

9 Tr 0730 WLXI-61 NC 259

Greensboro, NC 25901 MA 380

5 Es 1345 Unid-2

2105 WPBT-2 FL t

2139 WESH-2 FL t

KJRH-2 OK t

1300 muf to ch.5

KUSD-2 SD 1050

1530 KJRH-2 OK t

12 Es 1300 muf to ch.4

1410 KTBS-3 LA t

Unid-3; CBS

13 Es 1630 Unid-2; ABC

1850 Unid-2; NBC

14 Es 2200 Unids on ch.2

19 Es 0135 Unid-3; NBC

0147 WCIA-3 IL

Champaign

Tr 0648 PA chs.15, 43

0710 NC chs.19, 22

0815 NC 25, 39, 40

Es 1126 muf to 88.1;

no Es on chs.5 & 6

1130 WESH-2 FL

1230 WDSU-6 LA

New Orleans

Unid-6; NBC

1244 WMAB-2 MS t

1257 Unid-3; CBS

1300 ATBS-3 LA t

WBZ-2 LA t

1342 KPH-2 TX t

1400 muf to 88.1

1550 KJRH-2 OK t

1830 Cuba ch.2 t

1910 Cuba ch.3 t

Cuba ch.4

1929 WPBT-2 FL

2100 Fade out

May 1984

24 Tr 0030 PA 15, 27, 43

W25AA xlting

to WLHV-15.

WBOC-16 MD on

0115 ch.26.

0130 PA 21, 39

0205

26 Tr 0629 Durham NC 11

22, 28.

0639 WKFT-40 NC

WCTI-12 NC

0800

W61AN DE t

0805 NC 25, 39, 40, 58;

Durham 11, 22, 28;

Charlotte 18, 36.

WPDE-15 SC

WJPM-33 SC t

0816 Unid-33; LPTV, STV

0830 WDPB-64 DE

WRLX-35 VA

local quality

1030 WCTI-12 NC

10 Tr 0545 Pittsburgh 40, 53

0610 WKBN-27 OH 238

0645 WJPM-33 SC 358

to 0730 Harrisburg 27, 33

0800 W35AB PA

WUNL-26 NC 263

Charlotte 18, 36

WXTV-41 NY 196

Unid-33; LPTV

STV; movie(western)

0825 W59AT NY

0857 WLXI-61 NC

0858 WGGT-48 NC

0900 Durham 11, 22, 28

11 Tr 0026 WAKR-23 OH t

s/off

WAKR-23 OH t

13 Tr 0027 WAKR-23 OH 278

WKBN-27 OH 238

0100 W25AA xlting

WLHV-15.

Plainview;

music videos

0729 W59AT NY

Es 1930 WPBT-2 FL

WEDU-3 FL

1946 Unid-6

Eastern TV-DX

Wolf; continued---

December 1984

June 1984	July 1984	July 1984
13 Es 1957 Fade out	4 Tr 0655 Harrisburg,	11 Tr 0200 WCTI-12 NC
21 Es 1858 Unid-4; NBC	York PA U's	26 Es 1830 KQTV-2 MO
o/WRC	to WLYH-15, WTVE-51	1915 KJRH-2 OK
1900 WLHT-3 MS	WGFT-48 NC	2003 Unid-3; NBC
1901 KATC-3 LA 1000	WIVK-26 TN t	2200 Unid-2
1914 Unid-6 TX?	o/c to WETA	
1919 " PBS	0710 Charlotte 18, 36 August 1984	
1933 WABG-6 MS t	0725 NYC chs. 41, 47	3 Tr 2350 WLVT-39 PA
1947 muf 88.1	0727 WLFL-22 NC	4 Tr 0650 WBRE-28 PA 160
1954 two unids ch. 6	0815 WMHT-68 MJ 192	5 Tr 0900 WRDG-16 NC t
2009 Unid-2; CBS	WLVT-39 PA 136	2320 WBRE-28 PA
2023 "3 "	to WNED-13 NY t	6 Es 1950 KJRH-2 OK 1000
28 Ls 1830 WPC-36 NC 332	WEDH-24, WEDN-53 t	2020 Unid-2; French
many bursts	0820 WVIT-30 CT 283	Unid-33; LPTV, STV
	0910 WNEP-16 PA 160	NC chs. 22, 40.
<u>July 1984</u>	9 Es 1930 KJRH-2 OK t	0630 WRDG-16 NC t
1 Es 0930 Unids-2, 3.	10 Tr 2155 NC 19, 25, 40	Es 0800 KJRH-2 OK t
1900 KJRH-2 OK t	to 2215	Tr 0833 WPDE-15 SC
4 Tr 0650 WIVK-26 TN t	11 Tr 0030 WPDE-15 SC	0838 WGSE-43 SC 366
Unid-25; o/WAG	WTW-13 SC	Myrtle Beach
W35AB PA	WLFL-22 NC	WUNJ-39 NC 336
0655 WNYC-31 NY 200	0100 Unid-33; LPTV	

Bob Seybold: Bennett Road, Dunkirk NY

Sent 8 Tr A.M. - WFAT-19, WDLI-17, WKMR-38, WBAK-38, WTAP-15, WSFJ-51, WUHQ-41, CHOT-40; also Dayton, Columbus Springfield(Ohio), Indianapolis, Cincinnati, WTV-36, WKGB-53, Ft. Wayne, WGRB-34, W41--(Morgantown WV) xltr. Evening tropes super to ENE; WHED-15(rare), CIV-15, CIVM-17, WMHT-17, Watertown, Elmira, Norwood, Scranton, Binghamton, real strong; WHET-18, WCDC-19, WUTR-20, WTX-20, WNHT-21, WADS-50, WXXA-23(rare), WNJS-23, WEZF-33, WWLP-22, WCNY-24, WXNE-25, WMEG-26, WSNW-27, WVER-28, WVN-22, WVT-41, Ottawa-33, also 45-French, WSBK-38, WGEX-44, WLVI-56, WQTV-68, WVIT-30.

Sept. 9 - Tr WFAT-19, WCDC-19, WSBK-38, WGEX-44 & others to the east.

Oct. 11 Tr A.M. - Good to west; WGVK-52, Chicago U's, Rockford U's, several WI U's; all Michigan U's, KRIN-32, KHIN-36, KDUB-40; WTIC-61, WVIT-30, WCDC-19, Utica, Scranton, Binghamton, Elmira U's; WGGB-40 and others to the east.

Oct. 12 Tr - Very good; MI, OH, KY U's; KDNL-30, WI U's; Madison, Milwaukee, Green Bay U's; KRIN-32, KDUB-40, Chicago U's, Rockford, Decatur, WICD-15, WJPT-14 testing; east good; Utica, Syracuse, Albany, Elmira, Binghamton, Scranton, MA, CT U's(rare); CIV-15, IL, IA, WI, MI, OH, KY, U's, too many to list. Philly U's, WDC-20, WETA-26, WHMM-32, WCQR-50; Harrisburg 21, 27; Red Lion-49, Allentown-39, 69; Baltimore-45, 54, 67; NJ U's-23, 41, 52; Richmond-23; WCVB-23, WHRO-15, WYAH-27, WRBV-65, WTEH-54, CT U's, MA; WCDC-19, WSMW-27, WXXA-23, CICO-24, WPMT-43, WLYH-15, WITF-33, WTVE-51, WMHT-17; Watertown, Norwood, WAPB-22, W36AB.

Oct. 14 Tr A.M. - NYC 2, 4, 5, 7, 9; Baltimore 11, 13; Syracuse, WMUR-9, WPVI-6, KYW-3, WCAU-10; WLINE-6, WWBT-12, WJLA-7, WDVM-9, WTVE-33, DC 20, 26, 32, 50; WBFF-45, WNUV-54; Philly 17, 29, 57; WTVE-51, WGEX-57, WVIT-30, WEDW-49, WTIC-61, WNHT-21, WADS-50, Boston, Cambridge-25, 38, 56, 68; WSNL-67, WNJB-58, WCDC-19, WMHT-17, WXXA-23, WEDH-24, WCNY-24, WHAG-25, WJKA-26, WYAH-27, WRLH-35, WVC-56; WCVB-23; Harrisburg U's; PA-43, 49, 69, WLYH-15, WFAT-19, WAPB-22, WMDT-47, WMPB-67, WLVT-39, Watertown, Norwood, Utica, Ohio Valley U's; WXTV-41, WSMW-27, WCFE-57; Utica 20, 33; WITF-33, WKKK-66, WMPB-31, W36AB and many xltrs; even a couple of VA xltrs; probably 50 or more xltrs in evening; WLYH-15, CIV-17, CIV-15, CICO-24, CHOT-40, WNPE-16, WNPI-16 and lots of xltrs; most NY state.

Oct. 15 Tr A.M. WKMR-38, WCET-48, WOSU-34, WTTE-28, WOUC-44, WOUB-20, WNEO-45; Pittsburgh U's, WNPB xltr on 41; WPHO-42, WLJC-65, W65--(OH xltr), WTSF-61, W58AM, MI U's 23, 25, 28, 41, 19, 47; CBLFT-15, CBLFT-32, WNPE-16, WTVE-36, WTAP-15, WHIZ-18, WDLI-17, WOAC-67, WSFJ-51.

December 1984

Eastern TV-DX

Seybold; continued---

December 1984

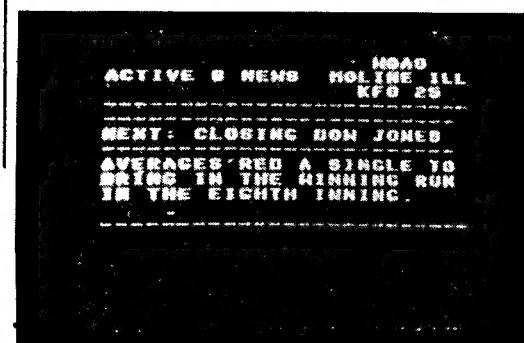
Oct. 26 Tr Baltimore, Washington U's, WITF-33 and PA U's. Also, Es on ch.2 at 1000; no I.D. Some comments on Tr Oct. 11-15. This was a continuous tropes period with some periods of tropes covering a very large span east to west and north to south. It will be interesting to see reports of some hauls made by DXers on the far ends of this opening. For example, I had St. Louis and Quebec, and Quebec to North Carolina. Also, the signals I observed were very strong. Strange as it was, I had put aside this weekend for DXing on a short vacation in the immediate area and it turned out to be a super tropes period. Even the translator channels were loaded. All DX in that period was by mobile TV on high hill locations moving from top of hill to slightly lower sights on each side of hill starts cutting down some signals and allowing others to come in. Tops was when NYC vhf came through at 0400 and after also Philly, Washington V's. There was much DX in during all hours of night. Also, dense fog most of time except afternoons when it was sunny and nothing to take me away from DX. Hope others did well.

Worldwide TV-FM DX Association

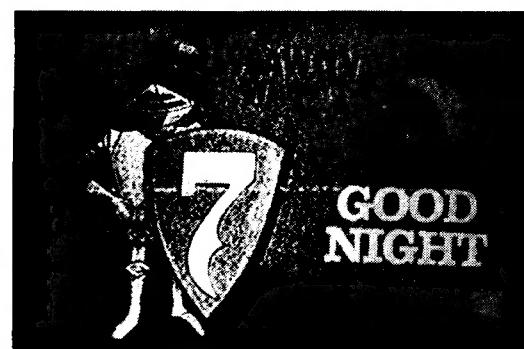


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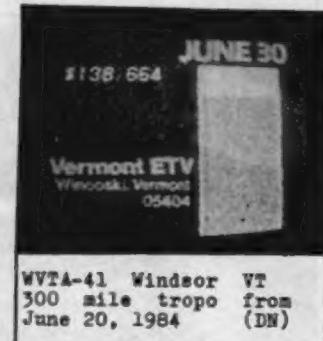
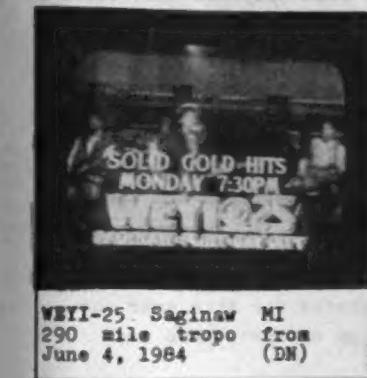
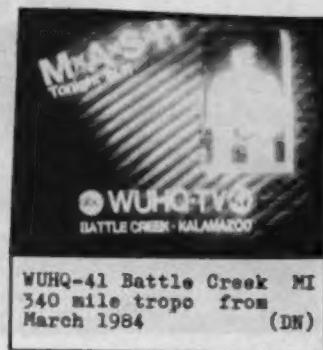
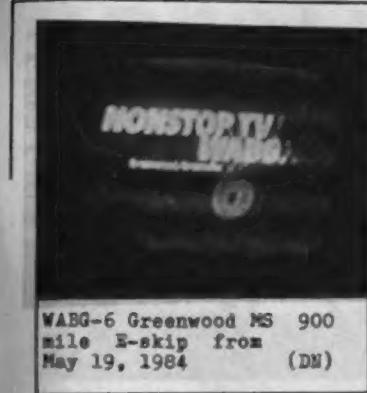
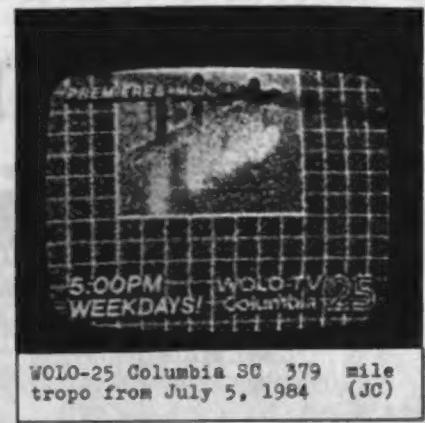
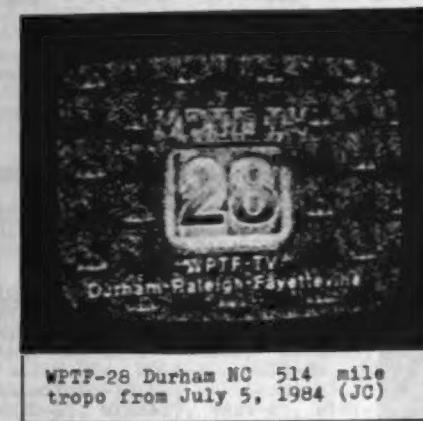
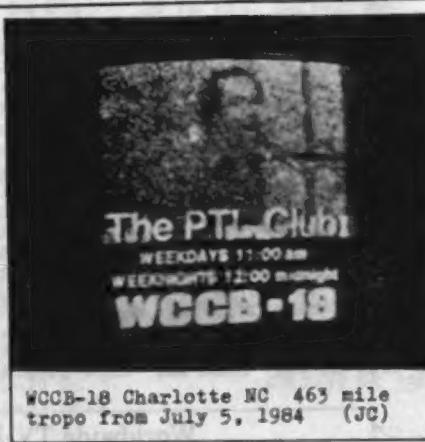
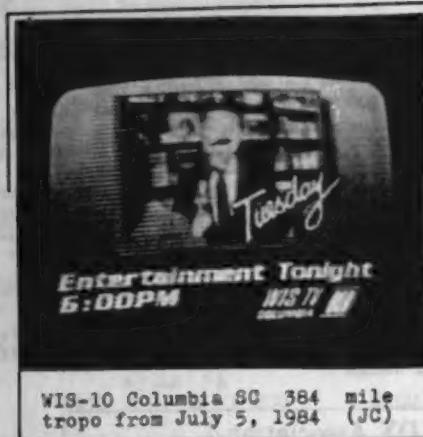
December 1984



WQAD-8 Moline, IL 375
mile tropo from 1982 (CP)

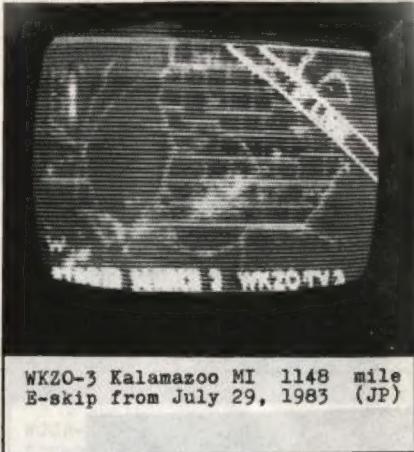


WSAW-7 Wausau, WI 360
mile tropo from 1982 (CP)





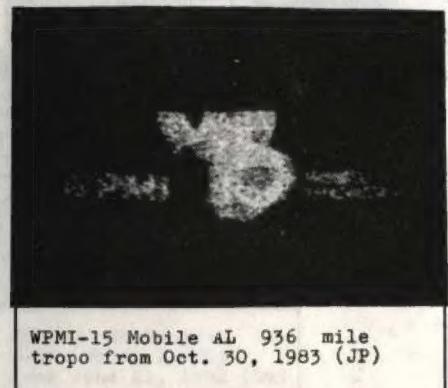
KLAX-31 Alexandria LA 644 mile
tropo from Oct. 29, 1983 (JP)



WKZO-3 Kalamazoo MI 1148 mile
E-skip from July 29, 1983 (JP)



XHD-4 Tampico TAM 792 mile
E-skip from Oct. 2, 1983 (JP)



WPMI-15 Mobile AL 936 mile
tropo from Oct. 30, 1983 (JP)

I'd like to thank everyone
who contributed photos of
their DX stations and their
DX shacks.

The photos for this year end
edition of Photo News are
from:

Paul Gaines (CP) Detroit MI
John Combs (JC) Orlando FL
Jim Pizzi (JP) Lovington NM
Dave Nieman (DN) Akron NY

HAPPY HOLIDAYS AND
THE BEST TO ALL
IN 1985

Dave



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